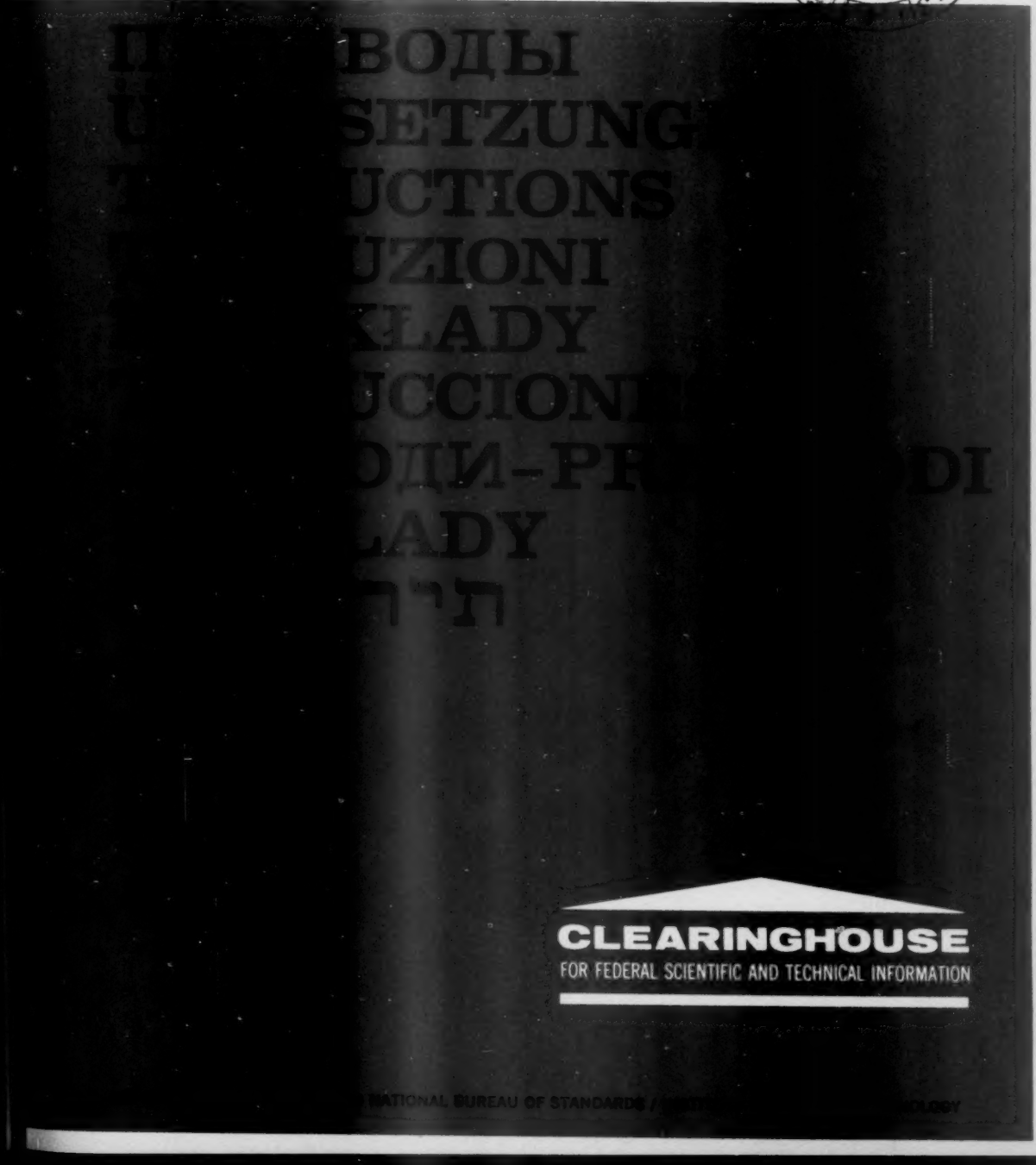
REFERENCE COPY

March 15, 1967

TECHNICAL TRANSLATIONS

RECEIVED
APR 26 1967
ARMY LIBRARY
Serial Record



CLEARINGHOUSE
FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION

NATIONAL BUREAU OF STANDARDS / INSTITUTE FOR APPLIED TECHNOLOGY

TECHNICAL TRANSLATIONS

Issued twice a month by the Clearinghouse for Federal Scientific and Technical Information. Annual subscription $12 ($4 additional for foreign mailing). Single copy $3. Make remittance payable to the CLEARINGHOUSE and mail to a U. S. Department of Commerce Field Office or to the Clearinghouse, Springfield, Va. 22151. Address changes should be sent to the Clearinghouse.

PURPOSE

TECHNICAL TRANSLATIONS announces to the public the availability of English translations of scientific and technical literature prepared by Government and private sources. "Translations in Process" are also announced.

FORMAT

Bibliographic citations are listed alphanumerically by specific subject groups within general subject fields according to the COSATI Subject Category List. References to the original source text are given as they appear on the translations and the Clearinghouse assumes no responsibility for their accuracy. Indexes provide access points to the literature cited in this journal.

HOW TO ORDER

Each bibliographic entry contains the acronym of the agency from which the translation may be ordered; these are keyed to the ordering addresses listed in the "Directory of Sources" located at the back of the journal. Order by title and the number indicated in the citation. Translations available from the Clearinghouse are priced at $3 for paper copy (HC) reproduction and $.65 for microfiche (MF) reproduction. Use of Clearinghouse Coupons for the purchase of Clearinghouse Documents is encouraged. For document available from other sources, make check or money order payable to the agency indicated.

REFERENCE SERVICE

Reference services for the location and identification of translated materials, completed or in process, are provided by the Clearinghouse, Special Libraries Association Translations Center, and the European Translations Center. Mailing addresses are listed in the "Directory of Sources."

U.S. DEPARTMENT OF COMMERCE
Alexander B. Trowbridge, Acting Secretary

CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION
Springfield, Va. 22151
Bernard M. Fry, Director

Contents may be reprinted freely. Mention of source will be appreciated. Use of Funds for printing this publication approved by the Director of the Bureau of the Budget, November 17, 1966.

PREFACE

The work of translating the materials listed in this journal is being done at many domestic and foreign points by government, commercial translations, publishers, and universities. Among them are the Joint Publications Research Service (JPRS), which translates foreign literature at the request of other Federal Agencies; and the Special Foreign Currency Science Information Program (SFCSI), administered by the National Science Foundation, which produces translations prepared in participating countries of Israel, Poland, and Yugoslavia. The Special Libraries Association (SLA) collects translations from non-government sources, domestic and foreign, and the Clearinghouse (CFSTI) from foreign and U. S. Government sources.

Commercial translators may have their work cited in this journal by sending the bibliographic and availability information to the Clearinghouse.

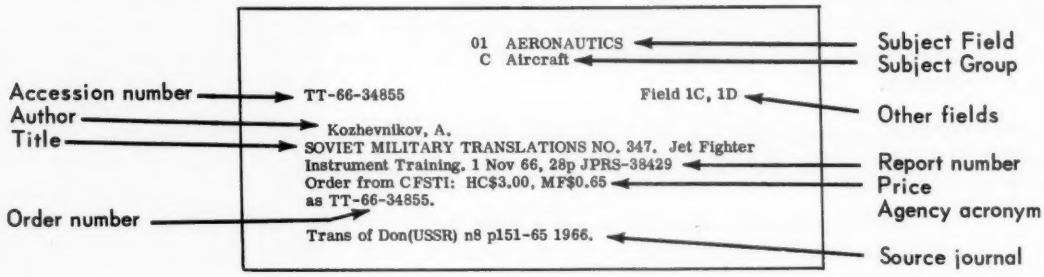
JPRS translations announced in this journal are also available from Research and Microfilm Publications, Inc., on 35-mm microfilm reels at about six-tenths of one cent per page reproduced. Single titles, serials, and subscriptions are available. For more information and pricing, write to: Research and Microfilm Publications, Inc., P. O. Box 267, Annapolis, Md. 21404.

Readex Microprint Corporation offers a microproduction edition by year of all JPRS reports listed in the Government Printing Office *Monthly Catalog of U. S. Publications*. The microprint editions are sold on subscription. Single editions are not available. For price information, write to: Readex Microprint Corporation, 5 Union Square, New York, N. Y. 10003.

SAMPLE ENTRIES

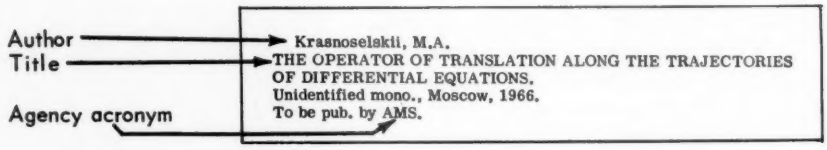
• BIBLIOGRAPHIC ENTRY

Entries are arranged alphanumerically by *accession number* within the COSATI Field/Group.



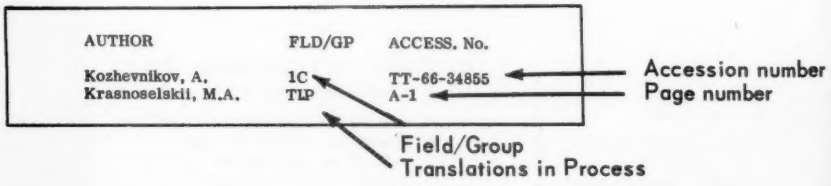
• TRANSLATIONS IN PROCESS

Entries are arranged alphabetically by personal author.



• INDEX ENTRIES

Index entries provide the location of the document announcement in the journal by supplying either the *accession number and Field/Group,* or in the case of "Translations in Process" the *page* on which the document is cited. The following example is taken from the Author Index; Journal and Number Indexes use the same system.



CONTENTS

		Page
01	AERONAUTICS	1

Includes aerodynamics; aeronautics; aircraft; aircraft flight control and instrumentation; and air facilities. See also related fields: 16 Missile Technology, 17 Navigation, Communications, Detection, and Countermeasures, 20 Physics, and 22 Space Technology.

02	AGRICULTURE	1

Includes agricultural chemistry; agricultural economics; agricultural engineering; agronomy and horticulture; animal husbandry; and forestry. See also related field: 06 Biological and Medical Sciences.

03	ASTRONOMY AND ASTROPHYSICS	2

Includes astronomy; astrophysics; and celestial mechanics.

04	ATMOSPHERIC SCIENCES	3

Includes atmospheric physics and meteorology.

05	BEHAVIORAL AND SOCIAL SCIENCES	4

Includes administration and management; documentation and information technology; economics; history, law and political science; human factors engineering; humanities; linguistics; man-machine relations; personnel selection, training, and evaluation; psychology (individual and group behavior); and sociology. See also related field: 06 Biological and Medical Sciences.

06	BIOLOGICAL AND MEDICAL SCIENCES	10

Includes biochemistry; bioengineering; biology; bionics; clinical medicine; environmental biology; escape, rescue, and survival; food; hygiene and sanitation; industrial (occupational) medicine; life support; medical and hospital equipment and supplies; microbiology; personnel selection and maintenance (medical); pharmacology; physiology; protective equipment; radiobiology; stress physiology; toxicology; and weapon effects. See also related fields: 02 Agriculture, 05 Behavioral and Social Sciences, and 07 Chemistry.

07 CHEMISTRY 17

Includes chemical engineering; inorganic chemistry; organic chemistry; physical chemistry; and radio and radiation chemistry. See also related fields: 06 Biological and Medical Sciences, 11 Materials, 20 Physics, and 21 Propulsion and Fuels.

08 EARTH SCIENCES AND OCEANOGRAPHY 23

Includes biological oceanography; cartography; dynamic oceanography; geochemistry; geodesy; geography; geology and mineralogy; hydrology and limnology; mining engineering; physical oceanography; seismology; snow, ice, and permafrost; soil mechanics; and terrestrial magnetism. See also related field: 04 Atmospheric Sciences.

09 ELECTRONICS AND ELECTRICAL ENGINEERING 26

Includes components; computers; electronic and electrical engineering; information theory; subsystems; and telemetry. See also related fields: 10 Energy Conversion (Non-propulsive) and 20 Physics.

10 ENERGY CONVERSION (Non-Propulsive) 33

Includes conversion techniques; power sources; and energy storage. See also related fields: 09 Electronics and Electrical Engineering and 20 Physics.

11 MATERIALS 35

Includes adhesives and seals; ceramics, refractories, and glasses; coatings, colorants, and finishes; composite materials; fibers and textiles; metallurgy and metallography; miscellaneous materials; oils, lubricants, and hydraulic fluids; plastics; rubbers; solvents, cleaners, and abrasives; and wood and paper products. See also related fields: 07 Chemistry, 13 Mechanical, Industrial, Civil, and Marine Engineering, and 21 Propulsion and Fuels.

12 MATHEMATICAL SCIENCES 40

Includes mathematics and statistics and operations research. See also the specific field of application.

13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING 41

Includes air conditioning, heating, lighting, and ventilating; civil engineering; construction equipment, materials, and supplies; containers and packaging; couplings, fittings, fasteners, and joints; ground transportation equipment; hydraulic and pneumatic equipment; industrial processes; machinery and tools; marine engineering; pumps, filters, pipes, tubing, fittings, and valves; safety engineering; and structural engineering. See also related fields: 07 Chemistry and 09 Electronics and Electrical Engineering.

14 METHODS AND EQUIPMENT 49

Includes cost effectiveness; laboratories, test facilities, and test equipment; recording devices; reliability; and reprography.

15 MILITARY SCIENCES 49

Includes antisubmarine warfare; chemical, biological, and radiological warfare; defense; intelligence; logistics; nuclear warfare; nd operations, strategy, and tactics. See also related fields: 16 Missile Technology and 17 Navigation, Communications, Detection and Countermeasures.

16 MISSILE TECHNOLOGY . . . . . No Entries

Includes missile launching and ground support; missile trajectories; missile warheads and fuzes; and missiles. See also related fields: 01 Aeronautics, 17 Navigation, Communications, Detection, and Countermeasures, 19 Ordnance, 21 Propulsion and Fuels, and 22 Space Technology.

17 NAVIGATION, COMMUNICATIONS, DETECTION, AND COUNTERMEASURES 50

Includes acoustic detection; communications; direction finding; electromagnetic and acoustic countermeasures; infrared and ultraviolet detection; magnetic detection; navigation and guidance; optical detection; radar detection; and seismic detection. See also related fields: 09 Electronics and Electrical Engineering and 20 Physics.

18 NUCLEAR SCIENCE AND TECHNOLOGY 51

Includes fusion devices (thermonuclear); isotopes; nuclear explosions; nuclear instrumentation; nuclear power plants; radiation shielding and protection; radioactive wastes and fission products; radioactivity; reactor engineering and operation; reactor materials; reactor physics; reactors (power); reactors (non-power); and SNAP technology. See also related fields: 07 Chemistry, 15 Military Sciences, 18 Nuclear Science and Technology, 20 Physics, and 21 Propulsion and Fuels.

19 ORDNANCE 52

Includes ammunition, explosives; bombs; combat vehicles; explosions, ballistics, and armor; fire control and bombing systems; guns; rockets; and underwater ordnance. See also related field: 18 Nuclear Science and Technology.

20 PHYSICS 52

Includes acoustics; crystallography; electricity and magnetism; fluid mechanics; masers and lasers; optics; particle accelerators; particle physics; plasma physics; quantum theory; solid-mechanics; solid-state physics; thermodynamics and wave propagation. See also related fields: 03 Astronomy and Astrophysics, 07 Chemistry, 09 Electronics and Electrical Engineering, 10 Energy Conversion (Non-propulsive), 11 Materials, 13 Mechanical, Industrial, Civil, and Marine Engineering, and 17 Navigation, Communications, Detection, and Countermeasures.

21 PROPULSION AND FUELS 60

Includes air-breathing engines; combustion and ignition; electric propulsion; fuels; jet and gas turbine engines; nuclear propulsion; reciprocating engines; rocket motors and engines; and rocket propellants. See also related fields: 07 Chemistry and 20 Physics.

22 SPACE TECHNOLOGY 61

Includes astronautics; spacecraft; spacecraft trajectories and reentry; and spacecraft launch vehicles and ground support. See also related fields: 01 Aeronautics, 03 Astronomy and Astrophysics, 16 Missile Technology, 17 Navigation, Communications, Detection, and Countermeasures, and 21 Propulsion and Fuels.

TRANSLATIONS IN PROCESS. A-1
TRANSLATED or ABSTRACTED PUBLICATIONS
(This section appears semiannually. For latest list, see TT Vol. 16, No. 4)
AUTHOR INDEX. I-1
JOURNAL INDEX. I-5
ACCESSION/REPORT NUMBER INDEX I-13
DIRECTORY OF SOURCES. I-19

UNITED STATES DEPARTMENT OF COMMERCE
Clearinghouse for Federal Scientific and Technical Information
Springfield, Va. 22151

TECHNICAL TRANSLATIONS

01 AERONAUTICS

TT-67-60485 Field 1-

AVIATION INSTITUTE, MOSCOW. TRANSACTIONS NO. 159, 1964: SELECTED ARTICLES. 17 Aug 66, 128p, 32refs. FTD-MT-65-116; AD-645 788.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 788

Edited machine trans. of Aviatsionnyi Institut, Moscow. Trudy (USSR) n159 p5-17, 33-50, 111-94 273-82, 289-300 1964.

A. Aerodynamics

TT-67-60499 Field 1A

Chushkin, P. I.; Li Li-Kan.
DETERMINATION OF THE PARAMETERS OF SUPERSONIC TWO-DIMENSIONAL FLOWS OF GAS. 12 Sep 66, 17p, 6refs. FTD-HT-66-465; AD-645 826.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 826

Unedited rough draft trans. of Zhurnal Vychislitelnoi Matematiki i Matematicheskoi Fiziki (USSR) v5 n1 p57-66 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

C. Aircraft

NCH-206 605 Field 1C, 1B

Reichert, G.
THE FLYING QUALITIES OF HELICOPTERS WITH HINGELESS ROTORS (Flugmechanische Besonderheiten des Gelenklosen Hubschrauberrotors). Tr. by A. R. S. Bramwell. Jan 66, 31p, 13refs. RAE-Lib-Trans-1147.
Order from NLL

Trans. of Boelkow GmbH Ottobrunn. Bericht (West Germany) FM-315-0 n.d.

TT-66-26634 Field 1C

Vasilev, G.
MODELS WITH FLAPPING WINGS (Modeli s Mashushchimi Krylyami). Tr. by J. S. Elliott and R. G. Moulton. 67p, 11refs. RAE-Lib-Trans-1172.
Order from ETC: $6.60 as TT-66-26634

Trans. of mono. Modeli s Mashushchimi Krylyami, Moscow, 1960.

TT-66-35763 Field 1C, 19G

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 74. 30 Dec 66, 18p. JPRS-39341.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35763

Abstract trans. of Hang K'ung Chih Shih (Chinese People's Republic) n2 35p 1960.

D. Aircraft flight control and instrumentation

TT-66-26809 Field 1D, 22C

Sokolov, N. I.
STEADY-STATE STABILITY. CEGB-EE.75.
Order from CEGB as CEGB-EE.75

Trans. of Elektrichestvo (USSR) n5 p25-30 1957.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

02 AGRICULTURE

TT-67-30033 Field 2-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: AGRICULTURAL SCIENCE AND TECHNOLOGY NO. 42. 3 Jan 67, 18p. JPRS-39382.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30033

Abstract trans. of Chiang Su Nung Hsueh Pao (Chinese People's Republic) v5 n3 61p 1966.

B. Agricultural economics

TT-66-35730 Field 2B

Yakimov, S.; Damyanov, K.
EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 508. 28 Dec 66, 20p. JPRS-39308.
Order from CFSTI: HC$3.00, MF$0.50 as TT-66-35730

Trans. of Otchetnost i Kontrol v Selskoto Stopanstvo (Bulgaria) n11 p452-5, 475-82 1966.

TT-67-30031 Field 2B, 5C

USSR AGRICULTURE: TRANSLATIONS NO. 184. Purchase Prices and Profitableness of Kolkhoz Production. 3 Jan 67, 11p. JPRS-39380.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30031

Trans. of Planovoe Khozyaistvo (USSR) v43 n11 p13-9 1966.

TT-67-30069 Field 2B

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 510. 5 Jan 67, 57p. JPRS-39419.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30069

TT-67-30073 Field 2B

NORTH VIETNAM: TRANSLATIONS NO. 84. 5 Jan 67, 47p. JPRS-39423.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30073

Trans. of Nhan Dan (North Vietnam) 4 Oct p3; 3 Nov; 4 Nov; 5 Nov; 6 Nov; 8 Nov; 9 Nov; 5 Dec p1, 2, 4 1966.

TT-67-30139 Field 2B

Makeenko, M.
USSR AGRICULTURE: TRANSLATIONS NO. 186. The Economic Role of Private Subsidiary Farming. 11 Jan 67, 18p. JPRS-39489.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30139

Trans. of Voprosy Ekonomiki (USSR) n10 p57-67 1966.

TT-67-30211 Field 2B, 2D

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 513. 17 Jan 67, 45p. JPRS-39561.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30211

C. Agricultural engineering

TT-66-35745 Field 2C

USSR AGRICULTURE: TRANSLATIONS NO. 183. 29 Dec 66, 16p. JPRS-39323.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35745

TT-67-30116 Field 2C, 2D, 2E

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 511. 10 Jan 67, 90p. JPRS-39466.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30116

TT-67-60456 Field 2C, 7A

Mitin, M. F.; Pashenkov, Ya. M.
DEMINERALIZATION OF WATER FOR AGRICULTURAL USES (Opresnenie Vody dlya Selskokhozyaistvennogo Vodosnabzheniya). Jun 66, 20p (foreign text included) refs. BR-D-Trans-602.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60456

Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v9 n12 p94-100 1964.

D. Agronomy and horticulture

TT-67-30058 Field 2D, 4B, 8H

Kulik, M. S.; Ulanova, E. S.; Moiseichik, V. A.; Beloborodova, G. G.; Andrianova, L. V.
STUDIES OF CERTAIN EFFECTS OF METEOROLOGICAL AND HYDROLOGICAL FACTORS ON AGRICULTURE. 4 Jan 67, 49p, refs. JPRS-39408.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30058

Trans. of Meteorologiya i Gidrologiya (USSR) n5 p11-35, 39-42 1966.

E. Animal husbandry

NCH-206 163 Field 2E

Simongini, F.; Nani, S.; Nicolis, F. B.
THE USE OF ANTIBIOTICS AS GROWTH STIMULANTS IN THE FEEDING OF POULTRY. 1966, 7p. IICH-8873.
Order from IICH: $7.00 as IICH-8873

Trans. of Nuova Veterinaria (Italy) v40 p195-8 1964.

TT-66-35733 Field 2E, 2D, 2B, 2C

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 509. 28 Dec 66, 36p. JPRS-39311.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35733

TT-67-30135 Field 2E, 5I, 5D

NORTH VIETNAM: TRANSLATIONS NO. 86. 10 Jan 67, 46p. JPRS-39485.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30135

03 ASTRONOMY AND ASTROPHYSICS

A. Astronomy

TT-67-30133 Field 3A, 4B, 8G

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 79. 10 Jan 67, 31p. JPRS-39483.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30133

TT-67-30212 Field 3A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 81. 17 Jan 67, 18p. JPRS-39562.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30212

Abstract trans. of T'ien Wen Hsueh Pao (Chinese Peolpe's Republic) v9 n1/2 96p 1961; v10 n2 p59-91 1962.

TT-67-60375 Field 3A

Vitkevich, V. V.; Kalachev, P. D.
POSSIBLE WAYS OF DEVELOPING LARGE RADIO TELESCOPES. Tr. by P. A. Kazakov, 1966, 14p (foreign text included). CSIRO-Trans-8256.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60375

Trans. of Akademiya Nauk SSSR. Fizicheskii Institut. Trudy, v28 p39-45 1965.

TT-67-60377 Field 3A

Kokurin, Yu. L.; Sorochenko, R. L.
A RADIO-TELESCOPE WITH SPHERICAL REFLECTOR, 11. Tr. by M. A. Hintze. 1966, 14p (foreign text included) 2refs. CSIRO-Trans-8258.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60377

Trans. of Akademiya Nauk SSSR. Fizicheskii Institut. Trudy, v28 p129-34 1965.

TT-67-60381 Field 3A

Salomonovich, A. E.
STATISTICAL EVALUATION OF THE EFFECT

OF PRECISION AND REGIDITY OF A RADIO TELESCOPE AERIAL ON ITS PARAMETERS. Tr. by M. A. Hintze. 1966, 11p (foreign text included) 8refs. CSIRO-Trans-8257. Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60381

Trans. of Akademiya Nauk SSSR. Fizicheskii Institut. Trudy, v28 p100-3 1965.

TT-67-60482 Field 3A

Melnikov, O. A.; Kuprevich, N. F.; Bolshakova, G. I.; Beloressova, T. S.
ASTRONOMICAL OBSERVATORY, PULKOVO. NEWS, VOL. 23. NO. 5, 1964: SELECTED ARTICLES. 17 Jun 66, 108p, 62refs. FTD-HT-66-184; AD-645 785.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 785

Unedited rough draft trans. of Astronomicheskaya Observatoriya, Pulkovo. Izvestiya (USSR) v23 n5 p121-66 1964.

B. Astrophysics

TT-67-60378 Field 3B

Shklovskii, I. S.
EMISSION OF "MYSTERIUM" AS A MASER EFFECT. Tr. by M. Hintze. 1966, 10p (foreign text included) 6refs. CSIRO-Trans-8278.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60378

Trans. of Astronomicheskii Tsirkulyar (USSR) n372 Jun 1966.

04 ATMOSPHERIC SCIENCES

A. Atmospheric physics

TT-67-30108 Field 4A

Kleimenova, N. G.; Troitskaya, V. A.; Zhandren, R.; Ponso, K.; Vineron, Zh.
OBSERVATIONS OF ULTRALOW FREQUENCY RADIATION AT TWO CONJUGATE POINTS. 9 Jan 67, 6p, 4refs. JPRS-39458.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30108

Trans. of Akademiya Nauk SSSR. Doklady, v170 n4 p835-6 1966.

TT-67-60073 Field 4A

Gurevich, A. V.; Lebedev, P. N.
THE INFLUENCE OF RADIO WAVES ON THE IONOSPHERE IN THE REGION OF THE F LAYER. Tr. by Karen S. Canfield. 1966, 17p, 5refs. Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60073

Trans. of mono. O Vozdeistvii Radiovoln na Ionosferu v Oblasti F-Sloya, Moscow, 1966.

B. Meteorology

TT-65-50389 Field 4B

Chomicz, K.
ON THE INFLUENCE OF LOCAL CONDITIONS ON THE COURSE OF METEOROLOGICAL ELEMENTS (O Wplywie Warunkow Lokalnych na Przebieg Elementow Meteorologicznych). Tr. by Maria Hoser. 1966, 10p. SFCSI-Comm(TT-65-50389). Order from CFSTI: $3.00 as TT-65-50389

Trans. of Przeglad Geofizyczny (Poland) v8(16) n1-2 p11-9 1963.

TT-66-26745 Field 4B

Arabadzhi, V. I.
ELECTRIC FIELD IN THUNDERCLOUDS. CEGB-IB.2069.
Order from CEGB as CEGB-IB.2069

Trans. of Akademiya Nauk SSSR. Doklady, v111 n1 p85-8 1956.

TT-66-26900 Field 4B

Rychtera, M.
CLIMATE CLASSIFICATION. CEGB-ED.21.Oct.1960.
Order from CEGB as CEGB-ED.21.Oct.1960

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v49 n8 p424-31 1960.

TT-66-62514 Field 4B, 4A, 8H

GUIDE TO SOVIET LITERATURE ACCESSIONS IN THE ATMOSPHERIC SCIENCES LIBRARY. Tr. by Irene A. Donehoo and Harold K. Gold. Aug 66, 52p. WB/TA-9.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62514

Consists of translated tables of contents and annotations together with, on a selective basis, author's abstracts, introductions, summaries and conclusions.

TT-67-30077 Field 4B, 8E, 8B

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 78. 5 Jan 67, 20p. JPRS-39427.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30077

Abstract trans. of Ch'i Hsiang Hsueh Pao (Chinese People's Republic) v31 n3 p191-273 1961; n4 p275-370 1962 and of Ts'e Hui T'ung Pao (Chinese People's Republic) v5 n3 p155-239 1962.

TT-67-60137 Field 4B, 4A, 8H

GUIDE TO SOVIET LITERATURE ACCESSIONS IN THE ATMOSPHERICE SCIENCES LIBRARY AND THE GEOPHYSICAL SCIENCES LIBRARY. Tr. by Irene A. Donehoo and Harold K. Gold. Oct/Nov 66, 51p. WB/TA-11.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60137

Consists of translated tables of contents and and annotations together with, on a selective basis, author's abstracts, introductions summaries and conclusions.

TT-67-60501 Field 4B

Golikov, A.; Baltermants, D.
THE SHIP ATTACKS THE SKY. 14 Jul 66, 13p.

FTD-TT-65-1330; AD-645 830.
Order from CFSTI: HC$3.00, MF$0.65
as AD-645 830

Unedited rough draft trans. of Ogonek (USSR)
n26 p4-7 1960.

TT-67-60509 Field 4B

Galadzhii, N. M.; Konstantinov, A. R.; Belousov, V. V.
SOME RESULTS OF EXPERIMENTAL INVESTIGATION OF THE STRUCTURAL CHARACTERISTICS OF AIR FLOW IN THE SURFACE BOUNDARY LAYER OF THE ATMOSPHERE. 29 Jul 66, 19p, 14refs. FTD-TT-65-2036; AD-645 852.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 852

Unedited rough draft trans. of Ukrainskii Nauchno-Issledovatelskii Gidro-Meteorologicheskii Institut. Trudy (USSR) n41 p87-94 1964.

05 BEHAVIORAL AND SOCIAL SCIENCES

A. Administration and management

TT-67-60426 Field 5A, 15E, 5I, 19F, 1B, 1C, 10B, 21G, 13G

TECHNOLOGY AND ARMAMENT, NO. 8, 1966.
21 Nov 66, 124p (figs omitted) refs. J-0910;
AD-645 520.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 520

Trans. of Tekhnika i Vooruzhenie (USSR) n8 86p 1966.

TT-67-60543 Field 5A, 20E, 22A, 6S, 3B

FOREIGN SCIENCE BULLETIN, VOL. 2, NO. 12, 1966.
Dec 66, 101p. AD-646 014.
Order from CFSTI: HC$3.00, MF$0.65 as AD-646 014

A Monthly Review of Selected Foreign Scientific and Technical Literature.
Also available on subscription, $36.00/yr.

C. Economics

TT-66-35640 Field 5C

Saker, B.; Correa, A.; Ignatov, P.
CUBA: TRANSLATIONS NO. 534. 21 Dec 66, 39p.
JPRS-39218.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35640

Trans. of Voluntad Hidraulica (Cuba) n12 p11-6, 21-2, 28-41, 53-60 1966.

TT-66-35684 Field 5C, 5I, 5D

NORTH VIETNAM: TRANSLATIONS NO. 79.
27 Dec 66, 16p. JPRS-39262.
Order from CFSTI: HC$3.00, MF$0.65
as TT-66-35684

Trans. from Nhan Dan (North Vietnam)
17 Nov p1, 2; 18 Nov p2, 4 1966.

TT-66-35724 Field 5C, 2B

MONGOLIA: TRANSLATIONS NO. 125. 28 Dec 66,
18p. JPRS-39302.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35724

Trans. from Unen (Mongolian People's Republic)
15 Jun p1, 2, 3 1966.

TT-66-35725 Field 5C, 5D, 5E

NORTH VIETNAM: TRANSLATIONS NO. 80. 28 Dec 66,
25p. JPRS-39303.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35725

Trans. from Nhan Dan (North Vietnam) 22 Nov p1,2,3,4
1966 and of Thoi Su Pho Thong (North Vietnam) n19
p41-7; n20 p46-8 1966.

TT-66-35727 Field 5C

USSR CONSUMER GOODS AND DOMESTIC TRADE:
TRANSLATIONS NO. 162. 28 Dec 66, 55p.
JPRS-39305.
Order from CFSTI: HC$3.00, MF$0.65
as TT-66-35727

TT-66-35734 Field 5C

EAST EUROPEAN SERVICE INDUSTRIES:
TRANSLATIONS NO. 493. 28 Dec 66, 70p.
JPRS-39312.
Order from CFSTI: HC$3.00, MF$0.65
as TT-66-35734

TT-66-35737 Field 5C, 2B, 5D

NORTH VIETNAM: TRANSLATIONS NO. 81.
28 Dec 66, 55p. JPRS-39315.
Order from CFSTI: HC$3.00, MF$0.65
as TT-66-35737

Trans. from Nhan Dan (North Vietnam)
10 Nov p3; n4605 p1, 2; n4608 p1, 2, 4;
n4609 p1, 4; n4610 p1, 4; n4613 p1, 2, 4 1966.

TT-66-35750 Field 5C, 5D, 5K

CUBA: TRANSLATIONS NO. 537. 29 Dec 66,
59p. JPRS-39328.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35750

TT-66-35752 Field 5C

EAST EUROPEAN MATERIALS INDUSTRIES:
TRANSLATIONS NO. 331. 29 Dec 66, 36p.
JPRS-39330.
Order from CFSTI: HC$3.00, MF$0.65 as
TT-66-35752

TT-66-35754 Field 5C

USSR CONSUMER GOODS AND DOMESTIC TRADE:
TRANSLATIONS NO. 163. 29 Dec 66, 16p. JPRS-39332.
Order from CFSTI: HC$3.00, MF$0.65 as
TT-66-35754

TT-66-35756 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 72. 30 Dec 66, 53p. JPRS-39334.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35756

TT-66-35761 Field 5C

Nekrasov, N.; Solntsev, M.
USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 73. 30 Dec 66, 28p. JPRS-39339.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35761

Trans. of Voprosy Ekonomiki (USSR) n9 p3-14, 152-4 1966.

TT-67-30011 Field 5C

Nakaryakov, V.; Perovskii, N. N.
USSR INTERNATIONAL ECONOMIC RELATIONS NO. 83. 3 Jan 67, 14p. JPRS-39360.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30011

Trans. from Izvestiya (USSR) 13 Nov p3 1966 and of Vestnik Mashinostroeniya (USSR) v46 n10 p76-9 1966. For another listing of Vestnik Mashinostroeniya (USSR) see TT v16 n4.

TT-67-30012 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 640. 3 Jan 67, 56p. JPRS-39361.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30012

TT-67-30015 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 641. 3 Jan 67, 33p. JPRS-39364.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30015

TT-67-30021 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 74. 3 Jan 67, 59p. JPRS-39370.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30021

TT-67-30024 Field 5C, 5D, 5E

Nguyen Van Nhat; Le Hoang.
NORTH VIETNAM: TRANSLATIONS NO. 82. 3 Jan 67, 13p. JPRS-39373.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30024

Trans. of Ky Thuat Buu Dien Truyen Thanh (North Vietnam) n9 p3, 4 1966 and from Nhan Dan (North Vietnam) 4 Dec p1, 2, 4 1966.

TT-67-30026 Field 5C

Kakharov, A.; Didenko, N.; Ulanov, E.; Gorelik, G.; Krutilin, V.
USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 75. 3 Jan 67, 21p. JPRS-39375.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30026

Trans. of Kommunist Vooruzhennykh Sil (USSR) n20 p46-51, 87-97 1966 and from Ekonomicheskaya Gazeta (USSR) n46 p14 1966.

TT-67-30030 Field 5C

USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 164. 3 Jan 67, 45p. JPRS-39379.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30030

TT-67-30036 Field 5C

Klose, J.
EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 316. Expansion of Work Sharing Relations Between East Germany and the UAR. 3 Jan 67, 11p. JPRS-39385.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30036

Trans. of Aussenhandel und Innerdeutsche Handel (East Germany) n10 p41-3 1966.

TT-67-30037 Field 5C

PRAVDA EDITORIAL (28 DEC 66): TRANSLATIONS NO. 738. 3 Jan 66, 5p. JPRS-39386.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30037

Trans. from Pravda, Moscow (USSR) 28 Dec p1 1966.

TT-67-30041 Field 5C

CUBA: TRANSLATIONS NO. 538. 4 Jan 67, 30p. JPRS-39390.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30041

TT-67-30062 Field 5C

Chang Ping-Ch'ien.
COMMUNIST CHINA: ECONOMIC TRANSLATIONS NO. 21. 4 Jan 67, 9p. JPRS-39412.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30062

Trans. of Chung Kuo Hsin Wen (Chinese People's Republic) 27 Oct p10-1 1966 and from Chin Jih Hsin Wen (Chinese People's Republic) 17 Oct p4 1966.

TT-67-30066 Field 5C, 5D

CUBA: TRANSLATIONS NO. 539. 5 Jan 67, 27p. JPRS-39416.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30066

TT-67-30074 Field 5C

Sharenkov, S.; Delov, B.
EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 317. 5 Jan 67, 11p. JPRS-39424.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30074

Trans. from Narodna Armiya (Bulgaria) 9 Dec p3 1966 and of Kooperativno Zemedelieto (Bulgaria) v10 n11 p30 1966.

TT-67-30081 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 76. 6 Jan 67, 59p. JPRS-39431.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30081

TT-67-30090 Field 5C

Dundukov, G.; Kisman, N.
THE STATE BUDGET USSR UNDER CONDITIONS OF THE IMPLEMENTATION OF ECONOMIC REFORM. 6 Jan 67, 17p, 4refs. JPRS-39440.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30090

Trans. of Finansy SSSR, n11 p40-9 1966.

TT-67-30094 Field 5C

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 495. 9 Jan 67, 43p. JPRS-39444.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30094

TT-67-30110 Field 5C, 5K

CUBA: TRANSLATIONS NO. 540. 9 Jan 67, 31p. JPRS-39460.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30110

TT-67-30112 Field 5C, 5D, 5K

CUBA: TRANSLATIONS NO. 541. 9 Jan 67, 16p. JPRS-39462.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30112

TT-67-30127 Field 5C

Shigeru Ishikawa.
COMMUNIST CHINA: ECONOMIC TRANSLATIONS NO. 22. Economic Problems of China. 10 Jan 67, 12p. JPRS-39477.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30127

Trans. of Chugoku Mondai no Bunseka (Japan) p180-96 1966.

TT-67-30130 Field 5C, 5D

AFRICA: TRANSLATIONS NO. 483. 10 Jan 67, 42p. JPRS-39480.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30130

TT-67-30131 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 643. 10 Jan 67, 69p. JPRS-39481.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30131

TT-67-30132 Field 5C

Kodinov, S.; Sugarchev, D.; Murgu, N.; Murgu, C.
EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 318. 10 Jan 67, 23p. JPRS-39482.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30132

Trans. of Politicheska Prosveta (Bulgaria) n11 p18-26 1966 and Revista de Chimie (Rumania) v17 n10 p636-8 1966.

TT-67-30137 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 77. 11 Jan 67, 28p. JPRS-39487.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30137

TT-67-30141 Field 5C

USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 165. 11 Jan 67, 25p. JPRS-39491.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30141

Trans. from Ekonomicheskaya Gazeta (USSR) n46 p3, 4, 12, 35 1966.

TT-67-30146 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 644. 12 Jan 67, 33p. JPRS-39496.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30146

Trans. of Gezetblatt der Deutschen Demokratischen Republik (East Germany) Pt 1 n16 p164-70 1966 and Finante si Credit (Rumania) n11 p10-21 1966.

TT-67-30155 Field 5C, 5K

CUBA: TRANSLATIONS NO. 542. 12 Jan 67, 21p. JPRS-39505.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30155

TT-67-30160 Field 5C, 5A

Zanev, K. G.; Djinic, B.; Knezevic, K.
ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 645. 12 Jan 67, 22p. JPRS-39510.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30160

Trans. of Politicheska Prosveta (Bulgaria) n11 p11-7 1966 and from Privredni Pregled (Yugoslavia) 18 Dec p3 1966.

TT-67-30170 Field 5C

Ryabova, M.; Kulikov, V.; Konovalova, N.
USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 78. 13 Jan 67, 54p. JPRS-39520.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30170

Trans. of Finansy SSSR, n10 p3-23, 38-42, 55-9, 94-6 1966.

TT-67-30172 Field 5C, 5A

Avramov, T.; Vlasak, F.
ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 646. 13 Jan 67, 29p. JPRS-39522.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30172

Trans. of Trud i Tseni (Bulgaria) n9 p23-30 1966 and Vynalezy (Czechoslovakia) v10 n10 p201-7 1966.

TT-67-30178 Field 5C

Chao Yun-Hsien.
COMMUNIST CHINA: ECONOMIC TRANSLATIONS NO. 23. 16 Jan 67, 16p. JPRS-39528.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30178

Trans. from Kuang Ming Jih Pao (Chinese People's Republic) 14 Nov p3 1966.

TT-67-30190 Field 5C, 5D

CUBA: TRANSLATIONS NO. 543. 16 Jan 67, 23p. JPRS-39540.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30190

TT-67-30193 Field 5C

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 332. 16 Jan 67, 45p. JPRS-39543.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30193

TT-67-30204 Field 5C

CUBA: TRANSLATIONS NO. 544. 17 Jan 67, 22p. JPRS-39554.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30204

TT-67-30209 Field 5C

Ptichkin, N.; Okonechnikov, N.; Kalantarov, V.; Nedev, I.
USSR INTERNATIONAL ECONOMIC RELATIONS NO. 83. 17 Jan 67, 42p. JPRS-39559.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30209

Trans. of Vneshnyaya Torgovlya (USSR) n9 p3-7, 9-22 1966.

TT-67-60514 Field 5C

Treml, V. G.
THE 1959 SOVIET INTERSECTORAL FLOW TABLE, VOLUME I. Nov 64, 129p, 204refs. RAC-TP-137; AD-476 849.
Order from CFSTI: HC$3.00, MF$0.65 as AD-476 849

Contract DA-44-188-ARO-1

TT-67-60515 Field 5C, 11F

Treml, V. G.
THE 1959 SOVIET INTERSECTORAL FLOW TABLE, VOLUME II. APPENDIXES A-F. Nov 64, 145p, 204refs. RAC-TP-137; AD-476 858.
Order from CFSTI: HC$3.00, MF$0.65 as AD-476 858

Contract DA-44-188-ARO-1

D. History, law and political science

TT-66-30147 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 934. 12 Jan 67, 47p. JPRS-39497.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30147

TT-66-35636 Field 5D, 5C, 5K

NORTH VIETNAM: TRANSLATIONS NO. 77. 21 Dec 66, 75p. JPRS-39214.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35636

TT-66-35639 Field 5D, 5K, 5C

LE MONDE (1-31 OCT 66): INDEX NO. 78. 21 Dec 66, 50p. JPRS-39217.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35639

Index to contents of le Monde (France) 1-31 Oct 1966.

TT-66-35647 Field 5D

Zakhariev, V.
POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 244. Dialectics of the Nature of the Socialist State. 21 Dec 66, 18p. JPRS-39225.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35647

Trans. of Filosofska Misul (Bulgaria) v22 n5 p51-63 1966.

TT-66-35710 Field 5D

NORTH VIETNAM: TRANSLATIONS NO. 79-A. 28 Dec 66, 30p. JPRS-39288.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35710

TT-66-35720 Field 5D

Chkhikvadze, V. M.; Novikov, S. G.
SOVIET LAW AND SOCIAL REGULATIONS: TRANSLATIONS NO. 18. 28 Dec 66, 33p, refs. JPRS-39298.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35720

Trans. of Sovetskoe Gosudarstvo i Pravo (USSR) v36 n10 p3-24 1966.

TT-66-35721 Field 5D, 5K

Olivier, J.
COMMUNIST CHINA: POLITICAL AND SOCIOLOGICAL TRANSLATIONS NO. 377. 28 Dec 66, 37p. JPRS-39299.

Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35721

Trans. of Est et Ouest (France) n368 16p 1966 and from Jen Min Jih Pao (Chinese People's Republic) 25 Nov p4 1966.

TT-66-35726 Field 5D, 5K

AFRICA: TRANSLATIONS NO. 476. 28 Dec 66, 55p. JPRS-39304.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35726

TT-66-35728 Field 5D

Schmidt, J. L.; Popvic, M.
POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 245. 28 Dec 66, 20p. JPRS-39306.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35728

Trans. of Forum (East Germany) n22 p10-1 1966 and Gledista (Yugoslavia) n10/11 p1340-6 1966.

TT-66-35738 Field 5D

PRAVDA EDITORIALS (21 AND 24 DEC 66): TRANSLATIONS NO. 735. 28 Dec 66, 9p. JPRS-39316.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35738

Trans. from Pravda, Moscow (USSR) 21 Dec p1; 24 Dec p1 1966.

TT-66-35742 Field 5D

LA STAMPA AND LA STAMPA SERA (5-11 DEC 66): INDEX NO. 345. 29 Dec 66, 7p. JPRS-39320.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35742

Index to contents of la Stampa (Italy) 6-11 Dec 1966 and la Stampa Sera (Italy) 5 Dec 1966.

TT-66-35743 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 929. 29 Dec 66, 28p. JPRS-39321.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35743

TT-66-35755 Field 5D

PRAVDA EDITORIALS (23, 25, 27 DEC 66): TRANSLATIONS NO. 736. 29 Dec 66, 12p. JPRS-39333.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35755

Trans. from Pravda, Moscow (USSR) 23 Dec p1; 25 Dec p1; 27 Dec p1 1966.

TT-66-35765 Field 5D

Felgas, H.
AFRICA: TRANSLATIONS NO. 477. The Terrorist Movements of Angola, Portuguese Guinea, and Mozambique (Foreign Influence). 30 Dec 66, 65p. JPRS-39343.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35765

Trans. of mono. Revista Militar, Lisbon, 1966 93p.

TT-66-35770 Field 5D, 5C

PRAVDA EDITORIAL (26 DEC 66): TRANSLATIONS NO. 737. 30 Dec 66, 6p. JPRS-39348.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35770

Trans. from Pravda, Moscow (USSR) 26 Dec p1 1966.

TT-67-30013 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 478. 3 Jan 67, 42p. JPRS-39362.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30013

TT-67-30018 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 930. 3 Jan 67, 31p. JPRS-39367.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30018

TT-67-30025 Field 5D, 5C, 5B

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 931. 3 Jan 67, 36p. JPRS-39374.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30025

Trans. from Akahata (Japan) 3 Dec p1, 4; 4 Dec p4; 5 Dec p2, 5 1966.

TT-67-30049 Field 5D, 2B

NORTH VIETNAM: TRANSLATIONS NO. 83. 4 Jan 67, 26p. JPRS-39398.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30049

TT-67-30050 Field 5D, 5I

AFRICA: TRANSLATIONS NO. 479. 4 Jan 67, 38p. JPRS-39399.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30050

TT-67-30061 Field 5D, 5C, 2B, 5I

COMMUNIST CHINA DIGEST NO. 179. 4 Jan 67, 159p. JPRS-39411.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30061

TT-67-30065 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENT: TRANSLATIONS NO. 932. 4 Jan 67, 98p. JPRS-39415.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30065

TT-67-30087 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 933. 6 Jan 67, 33p. JPRS-39437.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30087

TT-67-30104 Field 5D

AFRICA: TRANSLATIONS NO. 482. 9 Jan 67, 33p. JPRS-39454.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30104

TT-67-30129 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (12-18 DEC 66): INDEX NO. 346. 10 Jan 67, 7p. JPRS-39479.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30129

Index to contents of la Stampa (Italy) 13-18 Dec 1966 and la Stampa Sera (Italy) 12 Dec 1966.

TT-67-30179 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 935. 16 Jan 67, 30p. JPRS-39529.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30179

TT-67-30210 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 936. 17 Jan 67, 33p. JPRS-39560.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30210

Trans. of Unir pour le Socialisme (France) n170 p1-2, 4-10, 22 1966.

TT-67-30214 Field 5D

NORTH VIETNAM: TRANSLATIONS NO. 88. 17 Jan 67, 18p. JPRS-39564.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30214

F. Humanities

TT-67-30099 Field 5F

CONVERSATION WITH SOVIET SCULPTORS L. E. KERBEL AND L. D. MURAVIN ON CHINESE ARTISTS, TRADITIONS, THE CULTURAL REVOLUTION AND THE RED GUARD. 3 Jan 67, 9p. JPRS-39449.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30099

Trans. from Sovetskaya Litva (Lithuanian SSR) 11 Dec p4 1966.

I. Personnel selection, training and evaluation

TT-66-35638 Field 5I, 13B

Nakaryakov, V.
NEAR EAST: TRANSLATIONS NO. 54. 21 Dec 66, 28p. JPRS-39216.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35638

Trans. from Izvestiya (USSR) 13 Nov p3 1966 and from al Munazzamah al Shabab al Ishtiraki (Egypt) 21 Jul 64p 1966.

TT-67-30046 Field 5I

USSR LABOR: TRANSLATIONS NO. 154. 4 Jan 67, 37p. JPRS-39395.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30046

TT-67-30052 Field 5I

USSR LABOR: TRANSLATIONS NO. 155. 4 Jan 67, 21p. JPRS-39402.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30052

TT-67-30086 Field 5I

Kairov, A. I.
SOVIET EDUCATION: TRANSLATIONS NO. 62. Call for Improvements in Pedagogical Sciences. 6 Jan 67, 15p. JPRS-39436.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30086

Trans. of Sovetskaya Pedagogika (USSR) n8 p3-21 1966.

TT-67-30111 Field 5I

NEAR EAST: TRANSLATIONS NO. 55. Turkish Daily Reviews Soviet Foreign Student Program. 9 Jan 67, 12p. JPRS-39461.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30111

Trans. from Yeni Gazete (Turkey) 14-18 Nov 1966.

TT-67-30114 Field 5I

Arsenev, A.
SOVIET EDUCATION: TRANSLATIONS NO. 63. Revision of Soviet School Curriculum. 9 Jan 67, 11p. JPRS-39464.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30114

Trans. from Uchitelskaya Gazeta (USSR) 15 Dec p1-2 1966.

TT-67-30126 Field 5I, 5D

Hsueh Tung.
COMMUNIST CHINA: POLITICAL AND SOCIOLOGICAL TRANSLATIONS NO. 379. What is in Yu Hsiu's "After Reading Han Yu's Theory of Teachers". 10 Jan 67, 7p. JPRS-39476.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30126

Trans. of Shantung Chiao Yu (Chinese People's Republic) n7/8 p41-2 1966.

TT-67-30128 Field 5I, 2E

NORTH VIETNAM: TRANSLATIONS NO. 85. 10 Jan 67, 17p. JPRS-39478.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30128

Trans. of Nhan Dan (North Vietnam) 12 Dec p1, 2, 3, 4 1966.

K. Sociology

TT-66-35306 Field 5K

Kersevan, M.
SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 393. 30 Nov 66, 32p, refs. JPRS-38882.
Order from CFSTI: HC$3.00, MF$0.65

as TT-66-35306

Trans. of Wochenbericht (East Germany) n44 p207-10 1966 and Pregled (Yugoslavia) n7/8 p43-57 1966.

TT-66-35729 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 401. 28 Dec 66, 20p. JPRS-39307.
Order from CFSTI: HC$3.00, MF$0.65
as TT-66-35729

Trans. of Sbirka Zakonu Ceskoslovenske Socialisticke Republiky, v1966 n36 p433-9 1966.

TT-66-35751 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 402. 29 Dec 66, 116p. JPRS-39329.
Order from CFSTI: $3.00, MF$0.65 as TT-66-35751

TT-67-30034 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 403. 3 Jan 67, 25p. JPRS-39383.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30034

Trans. from Durzhaven Vestnik (Bulgaria) n98 4p 1966 and of Lupt de Clasa (Rumania) v46 n11 p3-10 1966.

TT-67-30038 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 404. 4 Jan 67, 69p. JPRS-39387.
Order from CFSTI: HC$3.00, MF$0.65
as TT-67-30038

TT-67-30136 Field 5K

Breznik, D.
SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 408. Demographic Survey of Yugoslavia. 11 Jan 67, 41p. JPRS-39486.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30136

Trans. of Stanovnistvo (Yugoslavia) v4 n2 p127-43 1966.

06 BIOLOGICAL AND MEDICAL SCIENCES

TT-65-50409/3 Field 6-

Stankovic, S., ed.
ARCHIVES OF BIOLOGICAL SCIENCES, VOL. 17, NO. 3, 1965. Tr. by Peter Mijuskovic and Mihailo Markovic. 1965, 102p, refs.
SFCSI-HEW-NLM(TT-65-50409/3).
Order from CFSTI: HC$3.00 as TT-65-50409/3

Trans. of Arhiv Bioloskih Nauka (Yugoslavia) v17 n3 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-65-50409/4 Field 6-

Stankovic, S., ed.
ARCHIVES OF BIOLOGICAL SCIENCES, VOL. 17, NO. 4, 1965. Tr. by Lazar Stanojevic and Mihailo Markovic. 1965, 126p, refs.
SFCSI-HEW-NLM(TT-65-50409/4).
Order from CFSTI: $3.00 as TT-65-50409/4

Trans. of Arhiv Bioloskih Nauka (Yugoslavia) v17 n4 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-35687 Field 6-

USSR SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 28. 27 Dec 66, 69p. JPRS-39265.
Order from CFSTI: HC$3.00, MF$0.65
as TT-66-35687

TT-66-35706 Field 6-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 58. 28 Dec 66, 78p. JPRS-39284.
Order from CFSTI: HC$3.00, MF$0.65
as TT-66-35706

TT-67-30095 Field 6-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 59. 9 Jan 67, 75p. JPRS-39445.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30095

TT-67-30177 Field 6-

USSR SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 29. 13 Jan 67, 45p. JPRS-39527.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30177

A. Biochemistry

NCH-206 149 Field 6A

Moruzzi, G.; Borgatti, G.
THE EFFECTS OF BROMINE ON THE GROWTH OF ANIMAL ORGANISMS. 1966, 3p.
IICH-8856.
Order from IICH: $3.00 as IICH-8856

Trans. of die Naturwissenschaften (West Germany) v26 p443 1938.

NCH-206 162 Field 6A, 6M

Bogautdinov, Z. F.
THE SEPARATION, PROPERTIES AND MECHANISM OF THE ACTION OF BAC. QUERCIFOLIUS NUCLEASE ON DNA (Vydelenie, Svoistva i Mekhanizm Deistviya Nukleazy Bac. Quercifolius na DNK). Sep 66, 15p. RTS-3270.
Order from NLL: 22s 6d as RTS-3270

Trans. of Gosudarstvennyi Veterinarnyi Institut, Kazan, Uchenye Zapiski (USSR) v124 n1 p79-87 1964.

NCH-206 510 Field 6A, 6T

Sereda, G. A.; Vorontsova, A. S.
METHOD FOR THE DETERMINATION OF LEAD IN URINE USING ION EXCHANGE AND THE NEW REAGENT SULPHARSAZEN (Metodika Opredeleniya Svintsa v Moche s Primenenien Ionnogo Obmena i Novogo Reaktiva Sulfarsazena). Aug 66, 8p, 5refs. RTS-2983.
Order from NLL: 7s 6d as RTS-2983

Trans. of Gigiena Truda i Professionalnye Zabolevaniya (USSR) v8 n2 p55-7 1964.

NCH-206 841 Field 6A

Nomoto, M.; Narahashi, Y.; Murakami, S.
PROTEOLYTIC ENZYME OF STREPTOMYCES GRISEUS. VI. HYDROLYSIS OF PROTEINS BY STREPTOMYCES GRISEUS PROTEASE (SPECIFICITY OF ST. GRISEUS PROTEASE. PART 1). 3 Jan 67, 19p. ATS-87T96J.
Order from ATS: $29.65 as ATS-87T96J

Trans. of Rikagaku Kenkyujo Hokoku (Japan) v35 n2 p154-66 1959.

NCH-206 849 Field 6A

Nomoto, M.; Narahashi, Y.; Murakami, S.
PROTEOLYTIC ENZYME OF STREPTOMYCES GRISEUS. VII. HYDROLYSIS OF SYNTHETIC SUBSTRATES BY STREPTOMYCES GRISEUS PROTEASE (SUBSTRATE SPECIFICITY OF ST. GRISEUS PROTEASE. PT. 2). 3 Jan 67, 11p. ATS-88T96J.
Order from ATS: $17.75 as ATS-88T96J

Trans. of Rikagaku Kenkyujo Hokoku (Japan) v35 n4 p261-8 1959.

NCH-206 887 Field 6A

Battaglia, A.; Carli, G.; Gatto, P. L.
AN EVALUATION OF THE CARDIOKINETIC ACTION OF A NEW GLYCOSIDE ISOLATED FROM THE SQUILL (PROSCILLARIDIN A). 3 Jan 67, 5p. ATS-32T97I.
Order from ATS: $9.00 as ATS-32T97I

Trans. of Minerva Medica (Italy) v57 p1974-7 1966.

NCH-207 002 Field 6A

Hiroshi Okazaki.
FUNGAL AMYLASE. 1966, 52p. TC-2302.
Order from TC: $37.50 as TC-2302.

Trans. of Dempunto Gijutsu Kenkyu Kaiho (Japan) v24 p90-118 1961.

TT-60-21558/1-4 Field 6A

ACTA BIOCHIMICA POLONICA, VOL. 6, NO. 1-4, 1959. 1966, 429p, refs.
SFCSI-HEW-NLM(TT-60-21558/1-4).
Order from CFSTI: $3.00 as TT-60-21558/1-4

Trans. of Acta Biochimica Polonica, v6 n1-4 465p 1959.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26631 Field 6A

Batueva, I. V.
COAXIAL MICROELECTRODES FOR INTRACELLULAR PICK-UP OF BIOPOTENTIALS (Koaksialnye Mikroelektrody Dlya Vnutrikletochnogo Otvedeniya Biopotentsialov). Tr. by B. F. Toms. 7p, 10refs. RAE-Lib-Trans-1168.
Order from ETC: $1.10 as TT-66-26631

Trans. of Tsitologiya (USSR) v6 n6 p772-4 1964.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-35150 Field 6A

Mihailescu, M.
THE INFLUENCE OF TOLBUTAMIDE OF CHOLINESTERASE ACTIVITY OF THE DISGESTIVE TRACT. 21 Nov 66, 10p, refs. JPRS-38726.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35150

Trans. of Timisoara Medicala (Rumania) n2 p159-65 1966.

TT-67-30205 Field 6A, 6C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL NO. 186. 17 Jan 67, 26p JPRS-39555.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30205

Abstract trans. of Sheng Wu Hua Hsueh Yu Sheng Wu Wu Li Hsueh Pao (Chinese People's Republic) v1 n1 66p; n2 p67-146 1961; v6 n3 p193-275 1966.

TT-67-60599 Field 6A, 6C

Bartoshevich, Yu. E.; Kostyanovskii, R. G.
THE MUTAGENIC ACTIVITY OF N-SUBSTITUTED ETHYLENIMINES. Nov 66, 19p, 34refs. FASEB-S-129-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60599

Trans. of Antibiotiki (USSR) v10 n12 p1069-78 1965.

TT-67-60610 Field 6A, 6M

Tikhonenko, T. I.; Dobrov, E. N.; Velikodvorskaya, G. A.; Kiseleva, N. P.; Popupanov, V. S.
"PARTLY DENATURED" STATE OF DNA IN CORPUSCLES OF T2 AND C_D PHAGES. Nov 66, 38p, 38refs. FASEB-S-281-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60610

Trans. of Biofizika (USSR) v11 n3 p386-98 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60611 Field 6A, 6R

Zhiltsova, V.; Krugiyakova, K. E.; Ulanov, B. P.; Gindin, L. G.
KINETICS OF ALTERATIONS OF DNA DURING ULTRAVIOLET IRRADIATION. Nov 66, 24p, 15refs. FASEB-S-282-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60611

Trans. of Biofizika (USSR) v11 n3 p398-406 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

C. Biology

NCH-206 167 Field 6C

Moruzzi, G.
THE EFFECTS OF BROMINE ON THE BASAL METABOLISM OF ADULT ANIMALS. 1966, 4p.
IICH-8880.
Order from IICH: $4.00 as IICH-8880

Trans. of die Naturwissenschaften (West Germany) v28 p286 1940.

NCH-206 542 Field 6C

Kuzyakin, A. P.
THE BIOLOGY OF THE MURRELET (BRACHYRAMPHUS MARMORATUS) (K Biologii Dlinnoklyukovogo Pyzhika). Jul 66, 9p, 8refs. RTS-3231.
Order from NLL: 15s as RTS-3231

Trans. of Ornitologiya (USSR) n6 p315-20 1963.

NCH-206 546 Field 6C

Moshkov, B. S.
THE IMPORTANCE OF REGULATED CONDITIONS FOR REVEALING THE POTENTIAL PRODUCTIVITY OF PLANTS (Znachenie Kontroliruemykh Uslovii dlya Vyyasneniya Potentsialnoi Produktivnosti Rastenii). Jul 66, 5p. RTS-3389.
Order from NLL: 5s as RTS-3389

Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v8 n3 p102-4 1963.

NCH-206 977 Field 6C

Bernadskaya, Z. M.
ON THE MORPHOLOGY OF THE LARVAE AND NYMPHAE OF HYALOMMA KOCK TICKS (K Morphologii Lichinok i Nymph Kleshtchei Hyalomma Koch). Sep 66, 9p. RTS-3365.
Order from NLL: 15s as RTS-3365

Trans. of Uzbekskii Nauchno-Issledovatelskii Veterinarnyi Institut, Tashkent. Trudy (USSR) v11 n2 p31-6 1939.

NCH-206 985 Field 6C, 2D

Volodina, E. V.
SELF-FERTILITY AND YIELD OF THE BLACK CURRANT (Samoplodnost i Urozhai Chernoi). Sep 66, 9p, 15refs. RTS-3390.
Order from NLL: 12s 6d as RTS-3390

Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v9 n7 p96-100 1964.

TT-65-50333 Field 6C

Dominik, T.
STUDIES ON MYCORRHIZAE (Studium o Mikoryzie). Tr. by A. Radziwill. 1966, 149p, refs.
SFCSI-Agr(TT-65-50333).
Order from CFSTI: $3.00 as TT-65-50333

Trans. of Folia Forestalia Polonica, Seria A. Lesniotwo, n5 160p 1961.

TT-65-50355 Field 6C

Dominik, T.
MYCORRHIZA. Tr. by A. Radziwill. 1966, 40p, refs.
SFCSI-Agr(TT-65-50355).
Order from CFSTI: $3.00 as TT-65-50355

Trans. of mono. Mykorhiza, n.p., 1951 63p.

TT-66-26090 Field 6C

Hrdy, I.
THE POST-EMBRYONIC DEVELOPMENT AND GROWTH OF THE DOMESTIC CRICKET (GRYLLUS DOMESTICUS L.). 22p.
Order from ETC: $2.60 as TT-66-26090

Trans. of Ceskoslovenska Spolecnost Entomologicka, Casopis, v53 p23-62 1956.

TT-66-26686 Field 6C

Dorofeev, P. E.
SOME PROBLEMS OF THE HISTORY OF FLORA. 20p.
Order from ETC: $1.60 as TT-66-26686

Trans. of Botanicheskii Zhurnal (USSR) v50 n11 p1509-22 1965.

TT-66-27120 Field 6C

Rudakov, N. P.
COMPARATIVE ABSORPTION OF CALCIUM- 45 AND STRONTIUM - 90 BY YOUNG SALMON.
CEGB-Windscale 95.
Order from CEGB as CEGB-Windscale 95

Trans. of Rybnoe Khozyaistvo (USSR) n4 p19-20 1958.

TT-67-30142 Field 6C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL NO. 185. 11 Jan 67, 27p.
JPRS-39492.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30142

Abstract trans. of Sheng Wu Hsueh T'ung Pao (Chinese People's Republic) n4 56p; n5 56p 1965.

TT-67-60362 Field 6C, 6T

Shapiro, A. Z.
THE EFFECT OF CERTAIN INORGANIC POISONS ON THE RESPIRATION OF MYTILUS GALLOPROVINCIALIS L. 1966, 9p, 12refs. MAFF-Trans-NS-79.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60362

Trans. of Akademiya Nauk SSSR. Sevastopolskaya Biologicheskaya Stantsiya. Trudy, v17 p334-41 1964.

TT-67-60363 Field 6C

Ivanov, A. P.; Ivasik, V. M.; Svirepo, B. G.; Zotin, A. I.; Popova, G. V.
FISH CULTURE: SELECTED PAPERS. 1966, 16p. MAFF-Trans-NS-81.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60363

Trans. of Rybnoe Khozyaistvo (USSR) v40 n11 p3-6, 15-20, 24-6 1964.

TT-67-60437 Field 6C

Kesarev, I. P.; Prodan, Z. G.
EXPERIMENTS ON PARENTERAL INFECTION OF ARGASID TICKS ORNITHODORUS PAPILLIPES BY RICKETTSIA PROWAZEKI. 1965, 3p. NAMRU-Trans-178; AD-645 646; NIH-10-30-65.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 646

Trans. of Prob. Parasit. (sic) (USSR) n2 p61-3 1963.

TT-67-60439 Field 6C

Pomerantsev, B. I.
NEW TICKS OF THE FAMILY IXODIDAE. 1965. 5p. NAMRU-Trans-177; AD-645 647; NIH-10-37-65.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 647

Trans. of Parazitologicheskii Sbornik (USSR) v10 p20-4 1948.

TT-67-60441 Field 6C, 6M

Alifanov, V. I.; Barkova, F. A.; Egorova, L. S.; Korsh, P. V.; Malenteva, L. A.
EPIZOOTY OF OMSK HEMORRHAGIC FEVER OF MUSKRATS. 1965, 6p. NAMRU-Trans-161; AD-645 649; NIH-11-29-65.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 649

Trans. of Prirodnaya Ochagovost Boleznei i Voprosy Parazitologii (USSR) n3 p59-63 1961.

TT-67-60445 Field 6C, 6M

Gagarina, A. V.; Zimina, V. E.; Ravdonikas, O. V.
NATURAL INFECTION OF MUSKRATS WITH OMSK HEMORRHAGIC FEVER. 1965, 6p. NAMRU-Trans-162; AD-645 656; NIH-11-33-65.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 656

Trans. of Nauchno-Issledovateleskii Institut Epidemiologii, Mikrobiologii i Gigieny, Omsk. Trudy (USSR) n5 p31-6 1958.

TT-67-60447 Field 6C

Pospelova-Strom, M. V. (sic); Naumov, R. L.
A CASE OF INTRODUCTION INTO USSR OF THE TICK HAEMAPHYSALIS ORNITHOPHILA HOOG. AND KOHLS, 1959 (IXODIDEA, IXODIDAE) BY A MIGATORY BIRD, TURDUS DAUMA LATH. 1965, 4p, 9refs. NAMRU-Trans-180; AD-645 658; NIH-12-35-65.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 658

Trans. of Zoologicheskii Zhurnal (USSR) v44 n9 p1411-2 1965.

TT-67-60448 Field 6C

Filippova, N. A.
ON SEVERAL SPECIES COMPLEXES AMONG IXODID TICKS. 1965, 4p. NAMRU-Trans-181; AD-645 659; NIH-12-30-65.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 659

Trans. of Prirodnaya Ochagovost Boleznei i Voprosy Parazitologii (USSR) n4 p246-8 1964.
Conference on Natural Nidality of Diseases and Problems of Parasitilogy of the Republic of Central Asia and Kazakhstan (no. 5) 24-28 Sep 62. Proceedings.

TT-67-60453 Field 6C

Aliev, D. S.
FISHES AS MELIORATORS OF RESERVOIRS (Ryby-Melioratory Vodoemov). Jun 66, 15p (foreign text included). BR-D-Trans-615.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60453

Trans. of Priroda (USSR) v54 n8 p56-60 1965.

TT-67-60474 Field 6C, 6M

Belan, A. A.; Bilalova, E. Z.; Dubov, A. B.; Katin, A. B.; Yantsen, M. M.
ISOLATION OF TICK-BORNE ENCEPHALITIS VIRUS FROM DERMACENTOR PICTUS HERM. AND IOXIDES PERSULCATUS P. SCH. TICKS IN PLACES OF THEIR MUTUAL HABITATION. 1965, 1p. NAMRU-Trans-152; AD-645 754; NIH-7-78-65.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 754

Trans. of mono. Tick-borne Encephalitis, Kemorovo Tick-borne Fever, Hemorrhagic Fevers, and other Airbovirus Infections, Moscow, 1964 p228.
Scientific Conference of the Inst. of Poliomyelitis and Encephalitis (no. 11) Abstracts of Papers.

E. Clinical medicine

NCH-206 150 Field 6E, 6P

Moruzzi, G.
CHANGE IN THE IODINE CONTENT OF THE THYROID GLAND AND IN THE BASAL METABOLISM OF MAMMALS AS A RESULT OF BROMINE TREATMENT. 1966, 3p. IICH-8857.
Order from IICH: $3.00 as IICH-8857

Trans. of die Naturwissenschaften (West Germany) v26 p788-9 1938.

NCH-206 882 Field 6E, 6O

Schaposnik, F.; Zabludovich, S.; Carri, H. R.; Verzini, E. A.; Flores, M.
IRREVERSIBLE ANURIA ASSOCIATED WITH THE INCORPORATION OF DIMETHOXYSULFANIL-AMIDODIAZINE. 3 Jan 67, 8p. ATS-69T97SP.
Order from ATS: $9.85 as ATS-69T97SP

Trans. of Revista Clinica Espanola, v91 n3 p171-4 1963.

NCH-206 889 Field 6E, 6O

Mathisen, W.
CLINICAL EXPERIENCES WITH SULFADIMETHOXINE IN INFECTIONS OF THE URINARY TRACT.

3 Jan 67, 9p. ATS-66T97N.
Order from ATS: $14.85 as ATS-66T97N

Trans. of Tidsskrift for den Norske Laegeforeing (Norway) v80 n10 p483-7 1960.

NCH-207 003 Field 6E

Braun, W.
CLINICAL OBSERVATIONS ABOUT THE ORIGIN OF CHLORACNE. 1966, 8p. TC-2207.
Order from TC: $8.00 as TC-2207

Trans. of der Hautarzt (West Germany) v10 n3 p126-9 1959.

NCH-207 004 Field 6E

Hofmann, M. F.; Meneghini, C. L.
CONCERNING FOLLICULOSIS CAUSED BY CHLORO-SUBSTITUTED HYDROCARBONS. 1966, 25p, TC-2202.
Order from TC: $18.00 as TC-2202

Trans. of Giornale Italiano di Dermatologia e Sifologia. v103 p427-50 Nov-Dec 1962.

TT-66-15678 Field 6E

Georgiev, Z.
CURRENT STATUS ON THE PROBLEM OF ETIOLOGY AND LEUCOCYTES. 9 Nov 66, 14p, 66refs. NIH-11-7-66.
Order from SLA: $1.60 as TT-66-15678

Trans. of Suvremenna Meditsina (Bulgaria) v15 n2 p31-9 1964.

TT-66-35654 Field 6E

EPIDEMIOLOGY REPORTS FROM THE WORLD PRESS NO. 18. 22 Dec 66, 28p. JPRS-39232.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35654

TT-66-35744 Field 6E

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 183. 29 Dec 66, 30p. JPRS-39322.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35744

Abstract trans. of Chung Hua Fang She Hsueh Tsa Chih (Chinese People's Republic) v8 n2 p77-152 1960.

TT-66-57001/1-2 Field 6E

EPIDEMIOLOGICAL REVIEW, VOL. 20, NO. 1-2, 1966. Tr. by Edwin Paryski. 1966, 114p, refs. SFCSI-HEW-NLM(TT-66-57001/1-2).
Order from CFSTI: $3.00 as TT-66-57001/1-2

Trans. of Przeglad Epidemiologiczny (Poland) v20 n1-2 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-57005/2 Field 6E, 6M

EXPERIMENTAL MEDICINE AND MICROBIOLOGY, VOL. 18, NO. 2, 1966. Tr. by R. Semkow. 1966, 98p, refs. SFCSI-HEW-NLM(TT-66-57005/2).
Order from CFSTI: $3.00 as TT-66-57005/2

Trans. of Medycyna Doswiadczalna i Mikrobiologia (Poland) v18 n2 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-57008/1-2 Field 6E, 6O

POLISH ENDOCRINOLOGY, VOL. 17, NO. 1-2, 1966 (SELECTED PAPERS). 1966, 138p, refs. SFCSI-HEW-NLM(TT-66-57008/1-2).
Order from CFSTI: $3.00 as TT-66-57008/1-2

Trans. of Endokrynologia Polska, v17 n1-2 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-30006 Field 6E, 5I

Chikin, S. Ya.
FIRST RESULTS OF THE CELEBRATION OF THE DAY OF THE MEDICAL WORKER. 3 Jan 67, 6p. JPRS-39355.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30006

Trans. of Zdravookhranenie Rossiiskoi Federatsii (USSR) v10 n9 p3-5 1966.

TT-67-30056 Field 6E, 5I

Cheknev, B. M.
FAILINGS OF GORKII MEDICAL INSTITUTE NOTED. 4 Jan 67, 5p. JPRS-39406.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30056

Trans. of Zdravookhranenie Rossiiskoi Federatsii (USSR) v10 n10 p46-7 1966.

TT-67-30088 Field 6E

Davydovskii, I. V.
THEORIES OF AGING. 6 Jan 67, 39p. JPRS-39438.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30088

Trans. of mono. Gerontologiya, Moscow, 1966 p49-78, 299-300.

TT-67-30119 Field 6E, 6O

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 184. 10 Jan 67, 14p. JPRS-39469.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30119

Abstract trans. of Chiang Su Chung I (Chinese People's Republic) n7 40p 1966.

TT-67-60434 Field 6E

Meshalkin, E. N.; Sergieveskii, V. S.; Feofilov, G. L.; Savinskii, G. S.; Baeva, A. V.
EARLIEST ATTEMPT AT SURGICAL TREATMENT OF BRONCHIAL ASTHMA WITH THE METHOD OF PULMONARY AUTOCRAFTS (Pervye Popytki Khirurgicheskogo Lecheniya Bronkhialnoi Astmy Metodom Autotransplantatsii Legkikh).

Tr. by Tatiana Boldyreff. 4 Nov 66, 21p.
NMS-Trans-1167; AD-645 567.
Order from CFSTI: HC$3.00, MF$0.65
as AD-645 567

Trans. of Eksperimentalnaya Khirurgiya i Anesteziologiya (USSR) v9 p26-33 (sic) 1964.

TT-67-60440 Field 6E, 6M, 6C

Chumakov, M. P.; Birulya, N. B.; Butenko, A. M.; Vasyuta, Yu. S.; Egorova, P. S.
ON THE QUESTION OF EPIDEMIOLOGY OF DISEASES OF CRIMEAN HEMORRHAGIC FEVER IN ASTRAKHAN OBLAST. 1965, 5p. NAMRU-Trans-165; AD-645 648; NIH-11-30-65.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 648

Trans. of mono. Tick-borne Encephalitis, Kemerovo Tick-borne Fever, Hemorrhagic Fevers, and other Arbovirus Infections, Moscow, 1964 p263-6. Scientific Conference of the Inst. of Poliomyelitis and Encephalitis (no. 11) Abstract of Papers.

TT-67-60442 Field 6E, 6M

Leshchinskaya, E. V.
CLINICAL FEATURES OF HEMORRHAGIC FEVER OF CRIMEAN TYPE IN ASTRAKHAN OBLAST. 1965, 3p. NAMRU-Trans-166; AD-645 650; NIH-12-31-65.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 650

Trans. of mono. Tick-borne Encephalitis, Kemerova Tick-borne Fever, Hemorrhagic Fevers, and other Arbovirus Infections, Moscow, 1964 p266-8. Scientific Conference of the Inst. of Poliomyelitis and Encephalitis (no. 11). Abstracts of Papers.

TT-67-60444 Field 6E, 6M

Netsky, G. I.
SOME ASPECTS OF THE PROBLEM OF VIRAL ENCEPHALITIS AND HEMORRHAGIC FEVERS IN SIBERIA AND IN THE FAR EAST. 1965, 6p. NAMRU-Trans-160; AD-645 652; NIH-11-39-65.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 652

Trans. of mono. Tick Encephalitis and Viral Hemorrhagic Fevers, n.p., 1963 p15-9.

TT-67-60446 Field 6E, 6M

Mazhbich, I. B.; Netsky, G. I.
THREE YEARS OF STUDY OF OMSK HEMORRAGIC FEVER (1946-1948): (1946 EXPEDITION). 1965, 18p, 16refs. NAMRU-Trans-163; AD-645 657; NIH-12-33-65.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 657

Trans. of Nauchno-Issledovateleskii Institut Epidemiologii, Mikrobiologii i Gigieny, Omsk. Trudy (USSR) n1 p51-67 1952.

TT-67-60596 Field 6E

Eidelshtein, S. I.; Berezina, E. K.
PATHOLOGIC CHANGES IN THE RESPIRATORY ORGANS CAUSED BY THE ACTION OF AEROSOLS OF ANTIBIOTICS. Nov 66, 15p, 19refs. FASEB-S-90-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60596

Trans. of Antibiotiki (USSR) v10 n11 p1030-7 1965.

TT-67-60612 Field 6E

Saprin, N.; Klochko, E. V.; Chebrikin, V. M.; Krugiyakova, K. E.; Emanuel, N. M.
PATTERNS OF CHANGE IN CONTENT OF FREE RADICALS IN MALIGNANT GROWTH AND IN THE ACTION OF INHIBITORS OF RADICAL PROCESSES. Nov 66, 24p, 15refs. FASEB-S-283-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60612

Trans. of Biofizika (USSR) v11 n3 p443-53 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

F. Environmental biology

TT-66-26687 Field 6F

Saks, V. N.; Nalnyaeva, T. I. M.
THE GEOGRAPHICAL DISTRIBUTION AND ECOLOGICAL CHARACTERISTICS OF CYLINDROTEUTHIS AND LAGONIBELUS. 11p.
Order from ETC: $1.60 as TT-66-26687

Trans. of mono. Verkheyurskie i Nizhnemelovye Belemnity Severa SSSR. Rody Cylindroteuthis i Lagonibelus, Leningrad, 1964 p135-42.

M. Microbiology

NCH-206 900 Field 6M

Krasilnikov, N. A.; Kalakutskii, L. V.; Kirillova, N. F.
PROMICRONOSPORA GEN. NOV.: NEW GENUS OF ACTINOMYCETALES (Novyi Rod Luchistykh Gribkov - Promicromonospora Gen. Nov.).
Sep 66, 10p, 13refs. RTS-3360.
Order from NLL: 15s as RTS-3360

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Biologicheskaya, v26 n1 p107-12 1961.

NCH-207 007 Field 6M

Dirkx, J.
INVESTIGATION ON THE ROLE OF CATIONS IN THE FIXING OF THE BACTERIOPHAGES ON THE SENSITIVE BACTERIA. 1966, 14p. TC-2550.
Order from TC: $13.50 as TC-2550

Trans. of Institut Pasteur, Paris. Annales (France) v93 n3 p340-51 1957.

NCH-207 012 Field 6M

Dirkx, J.
INVESTIGATION ON THE ROLE OF CATIONS IN THE FIXING OF BACTERIOPHAGES ON THE SENSITIVE BACTERIA. 1966, 19p. TC-2535.
Order from TC: $18.00 as TC-2535

Trans. of Institut Pasteur, Paris. Annales (France) v93 n2 p168-82 1957.

TT-66-62504 Field 6M, 6H

Nikitin, E. E.; Vladimirov, A. G.
SURVIVAL OF VIRUSES IN DRIED MILK AND FOOD ALBUMIN. Tr. by C. C. Nikiforoff. 1966, 9p.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62504

Trans. of Veterinariya (USSR) v42 n5 p99-101 1965.

TT-67-60383 Field 6M, 2E

Nikitin, E. E.; Vladimirov, A. L.; Sergeev, V. A.
RESISTANCE OF THE INFLUENZA AND FOOT AND MOUTH VIRUSES TO DESICCATION OF PULVERIZATION. Tr. by C. C. Nikiforoff. 1966, 13p, 7refs.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60383

Trans. of Voprosy Virusology (USSR) v7 p719-23 1962.

TT-67-60604 Field 6M

Kaverin, N. V.
THE EFFECT OF INTERFERON ON THE INHIBITION OF SYNTHESIS OF PROTEINS IN A CULTURE OF CHICK EMBRYO FIBROBLASTS INOCULATED WITH ARBOR VIRUS. Nov 66, 16p, 5refs.
FASEB-S-205-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60604

Trans. of Antibiotiki (USSR) v11 n1 p29-32 1966.

TT-67-60608 Field 6M, 6O

Klimov, A. N.; Tereshin, I. M.; Malyuga, O. A.
INFLUENCE OF CHLORAMPHENICOL ON TRANSFORMATION OF STREPTOMYCIN RESISTANCE IN STREPTOCOCCI. Nov 66, 22p, 35refs.
FASEB-S-248-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60608

Trans. of Antibiotiki (USSR) v11 n3 p222-7 1966.

O. Pharmacology

NCH-206 171 Field 6O

Issekutz, B.
THE EFFECTS OF A FEW NEW QUATERNARY AMMONIUM BASES ON THE NEUROMUSCULAR AND GANGLIONIC SYNAPSES. 1966, 24p.
IICH-8887.
Order from IICH: $24.00 as IICH-8887

Trans. of Naunyn-Schmiedeberg's Archiv fuer Experimentelle Pathologie und Pharmakologie (West Germany) v215 p283-98 1952.

NCH-206 172 Field 6O

Boissier, J. R.; Dumont, C.; Malen, C.
PHARMACOLOGICAL STUDY OF A NEW HYPNOTIC: 2-METHYL-3-ORTHOTOLYL-4-QUINAZOLONE. 1966, 26p. IICH-8888.
Order from IICH: $22.00 as IICH-8888

Trans. of Therapie (France) v13 p30-45 1958.

NCH-206 861 Field 6O, 6E

Felsenreich, G.; Thalhammer, O.
USE OF MODERN SULFONAMIDES IN THE TREATMENT OF PNEUMONIA IN CHILDREN. 1966, 5p.
ATS-64T97G.
Order from ATS: $9.50 as ATS-64T97G

Trans. of Giornale di Malattie Infettive e Parassitarie (Italy) v12 n9-10 p676-8 1960.

NCH-206 879 Field 6O, 6E

Muras, O.
THE TREATMENT OF RESPIRATORY INFECTIONS WITH SULFADIMETHOXINE, A LONG-ACTING SULFONAMIDE. 1966, 12p. ATS-67T97SP.
Order from ATS: $15.75 as ATS-67T97SP

Trans. of Torax (Uruguary) v8 n4 p313-20 1959.

NCH-206 881 Field 6O, 6E

Cordero, A.
SULFADIMETHOXINE IN THE TREATMENT OF INFECTED ACNE. 1966, 4p. ATS-63T97SP.
Order from ATS: $5.00 as ATS-63T97SP

Trans. of el Dia Medico (Argentina) v34 n79 p2114-5 1962.

NCH-206 886 Field 6O

Bombardelli, E.
THE QUALITATIVE AND QUANTITATIVE EVALUATION OF PROSCILLARIDIN A. 1966, 6p. ATS-47T97I.
Order from ATS: $9.00 as ATS-47T97I

Trans. of Fitoterapia (Italy) v36 p72-6 1965.

NCH-206 888 Field 6O, 6E

Mainieri, L.
CLINICAL EXPERIENCES WITH SULFADIMETHOXINE AND o-HYDROXYQUINOLINE SULFONATE OF PNENYL-DIMETHYLDIMETHYLAMINOISOPYRAZOLONE USED IN COMBINATION. 1966, 7p. ATS-65T97I.
Order from ATS: $13.75 as ATS-65T97I

Trans. of Gazzetta Medica Italiana, v121 n5 p125-8 1962.

TT-67-30213 Field 6O, 2B

NORTH VIETNAM: TRANSLATIONS NO. 87. 17 Jan 67, 53p. JPRS-39563.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30213

P. Physiology

TT-66-57003/2 Field 6P

FOLIA MORPHOLOGICA, VOL. 25, NO. 2, 1966. Tr. by E. Paryski. 1966, 114p, refs.
SFCSI-HEW-NLM(TT-66-57003/2).
Order from CFSTI: $3.00 as TT-66-57003/2

Trans. of Folia Morphologica (Poland) v25 n2 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

R. Radiobiology

NCH-206 598 Field 6R

Kiefer, H.; Maushart, R.; Piesch, E.
RESULTS WITH PHOSPHATE GLASS DOSEMETERS IN PERSONNEL DOSIMETRY. Tr. by O. S. Whitson. Oct 65, 11p, 12refs. AERE-Trans-1046.

Order from HMSO: 3s as AERE-Trans-1046

Trans. of Atompraxis (West Germany) v11 n2 p88-93 1965.

TT-67-60521 Field 6R

Dodge, C., comp.; Kassel, S. comp.
SOVIET RESEARCH ON THE NEURAL EFFECTS OF MICROWAVES. 7 Nov 66, 38p, 42refs.
ATD-66-133; AD-645 979.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 979

Based on Soviet open sources pub. 1952-66.
Rept. on Surveys of Foreign Scientific and Technical Literature.

S. Stress physiology

TT-67-60513 Field 6S

Filippovich, S. I.
EFFECT OF REDUCED BAROMETRIC PRESSURE ON THE SECRETORY FUNCTION OF SALIVARY GLANDS. 3 Aug 66, 26p, 12refs. FTD-TT-65-1678; AD-645 857.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 857

Edited trans. of Arkhiv Biologicheskikh Nauk (USSR) v58 n3 p3-17 1940.

T. Toxicology

NCH-206 859 Field 6T, 6E

Bastian, G.
CLINICAL OBSERVATIONS IN CHRONIC BROMINE POISONING. 1966, 3p. ATS-33T97G.
Order from ATS: $6.75 as ATS-33T97G

Trans. of Arzneimittel-Forschung (West Germany) v16 n2a p246-7 1966.

07 CHEMISTRY

TT-65-50400/1 Field 7-

Mladenovic, M., ed.
BULLETIN OF THE CHEMICAL SOCIETY BELGRADE, VOL. 30, NO. 1, 1965. Tr. by D. Ladjevac and A. Stojiljokovic. 1966, 62p, refs.
SFCSI-Comm(TT-65-50400/1).
Order from CFSTI: $3.00 as TT-65-50400/1

Trans. of Srpsko Hemisko Drustvo, Belgrad. Glasnik (Yugoslavia) v30 n1 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-65-50400/2-3 Field 7-

Mladenovic, M., ed.
BULLETIN OF THE CHEMICAL SOCIETY BELGRADE, VOL. 30, NO. 2-3, 1965. Tr. by D. Ladjevac and A. Stojiljkovic. 1966, 66p, refs.
SFCSI-Comm(TT-65-50400/2-3).
Order from CFSTI: $3.00 as TT-65-50400/2-3

Trans. of Srpsko Hemisko Drustvo, Belgrad. Glasnik (Yugoslavia) v30 n2-3 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-30075 Field 7-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 51. 5 Jan 67, 15p. JPRS-39425.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30075

Trans. of Chung Kuo K'o Hsueh Yuan Ying Yung Hua Hsueh Yen Chiu So Chi K'an (Chinese People's Republic) n16 88p 1966 and Hsin Hsiang Shih Fan Hsueh Yuan Hsueh Pao (Chinese People's Republic) v7 n1 73p 1966.

TT-67-30197 Field 7-

USSR SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 37. 16 Jan 67, 159p. JPRS-39547.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30197

A. Chemical engineering

NCH-206 127 Field 7A

Rosenbusch, K.
OXIDATIVE DEPILATIONS, A NEW LIMING PROCESS. 1966, 5p, 3refs. TC-440.
Order from TC: $5.50 as TC-440

Trans. of das Leder (West Germany) v15 n5 p119-21 1964.

NCH-206 604 Field 7A

Montaudo, G.; Romano, F.
SENSITIVITY AND LIMITS OF USE ON THE THERMO-ELECTRIC OSMOMETER IN DETERMINING THE MOLECULAR WEIGHTS OF POLYMERS (Sensibilita e Limiti di Impiego della Osmometria Termo-elettrica nella Determinazione dei Pesi Molecolari di Polimeri). Tr. by Suzanne Marsden. Feb 66, 9p, refs. RAE-Lib-Trans-1151.
Order from NLL

Trans. of la Chimica e l'Industria (Italy) v47 n3 p305-7 1965.

NCH-206 620 Field 7A

Spozhakina, A. A.; Moskovskaya, N. F.; Topchieva, K. V.
DETERMINATION OF HEATS OF HIGH TEMPERATURE ADSORPTION OF HYDROCARBONS ON CATALYSTS USED IN CRACKING. Sep 66, 8p, 12refs. RTS-3643.
Order from NLL: 15s as RTS-3643

Trans. of Moscow Univ. Vestnik. Seriya 2: Khimiya (USSR) v20 n5 p13-8 1965.

NCH-206 835 Field 7A, 7E

Ueda, H.; Shida, S.
REACTIVITY OF FREE RADICALS FORMED FROM IRRADIATED SOLID HIGH POLYMERS. A METHOD OF CLASSIFICATION OF HIGH POLYMERS. 3 Jan 67, 4p. ATS-44T97J.
Order from ATS: $9.25 as ATS-44T97J

Trans. of Kogyo Kagaku Zasshi (Japan) v69 n8 p1527-9 1966.

NCH-206 838 Field 7A

Pohl, J.; Szadaj, Z.
INVESTIGATIONS ON THE CHOICE OF OPTIMAL CONDITIONS FOR THE ACIDIZATION OF DOLOMITES. 3 Jan 67, 22p. ATS-59T96P.
Order from ATS: $27.75 as ATS-59T96P

Trans. from Instytut Naftowy. Prace (Poland) p3-22 1966.

NCH-206 843 Field 7A

Shcherban, G. T.
DETERMINATION OF THE YIELD OF FORMALDEHYDE AND PROCESS LOSSES OF METHANOL IN THE MANUFACTURE OF FORMALIN. 3 Jan 67, 7p. ATS-76T97R.
Order from ATS: $9.25 as ATS-76T97R

Trans. of Khimicheskaya Promyshlennost (USSR) n8 p585-7 1966.

NCH-206 851 Field 7A

Imamura, J.; Ishioka, R.; Sato, S.; Ota, N.
SYNTHESIS OF PROPYLENE OXIDE BY THE OXIDATION OF PROPYLENE WITH PERACETIC ACID UNDER PRESSURE. 3 Jan 67, 12p. ATS-43T97J.
Order from ATS: $15.75 as ATS-43T97J

Trans. of Kogyo Kagaku Zasshi (Japan) v69 n8 p1459-62 1966.

NCH-206 884 Field 7A

Ciardelli, F.
STUDIES ON ASYMMETRIC INDUCTION IN THE STEREOSPECIFIC POLYMERIZATION OF RACEMIC a-OLEFINS. 1966, 3p. ATS-18T97I.
Order from ATS: $4.50 as ATS-18T97I

Trans. of la Chimica e l'Industria (Italy) v48 n7 p775-6 1966.

NCH-206 885 Field 7A

Longi, P.; Mazzocchi, R.
GAS-CHROMATOGRAPHIC ANALYSIS OF ORGANOMETALLIC COMPOUNDS. 1966, 5p. ATS-17T97I.
Order from ATS: $6.00 as ATS-17T97I

Trans. of la Chimica e l'Industria (Italy) v48 n7 p718-20 1966.

NCH-206 911 Field 7A

Dorokhov, F. K.; Kosyak, V. A.
TESTING OF ABSORPTION PROPERTIES OF CIGARETTE FILTERS (Kontrol Poglotitelnoi Sposobnosti Filtruyushchikh Mundshtukov Sigaret). Sep 66, 6p. RTS-3460.
Order from NLL: 10s as RTS-3460

Trans. of Tabak (USSR) v25 n4 p20-3 1964.

NCH-206 974 Field 7A

Sawada, S.; Fujii, K.; Sato, M.
STUDIES ON MERCURY VERTICAL CELL (12kA), STUDIES ON THE VERTICAL MERCURY ELECTROLYTIC CELL IN THE CHLORINE PROCESS, PART 7. 1966, 15p, TC-2565.
Order from TC: $17.00 as TC-2565

Trans. of Denki Kagaku (Japan) v32 p216-20 1964.

NCH-206 993 Field 7A

Knop, W.
SAFETY DEVICES FOR ACTIVATED CHARCOAL ADSORBERS. 1966, 7p. TC-2369.
Order from TC: $8.00 as TC-2369

Trans. of Chemie-Ingenieur-Technik (West Germany v28 n6 p403-4 1956.

NCH-206 994 Field 7A

Zurakowski, S.; Glaser, R.
CONSTRUCTIONAL PARAMETERS OF A FOAM COLUMN FOR DRYING OF GASES. 1966, 14p. TC-2362.
Order from TC: $13.50 as TC-2362

Trans. of Przemysl Chemiczny (Poland) v44 n9 p510-3 1965.

NCH-207 017 Field 7A

Cigna, R.
EFFECT OF ALKALI AND ALKALINE EARTH NITRATES ON THE LIQUID VAPOR EQUILIBRIUM OF THE SYSTEM WATER-NITRIC ACID. 1966, 30p. TC-2515.
Order from TC: $24.50 as TC-2515

Trans. of la Chimica e l'Industria (Italy) v46 n1 p36-45 1964.

TT-66-26692 Field 7A

Doshchnikova, Yu. U.; Katyshev, E. N.
TWO METHODS OF CONDUCTING THE BURNING PROCESS IN ROTARY KILNS. 8p, 6refs.
Order from Pargas

Trans. of Tsement (USSR) v32 n3 p13-6 1966.

TT-66-26732 Field 7A

Hersch, P.
CONTINUOUS MONITORING OXYGEN. CEGB-TP.2827.
Order from CEGB as CEGB-TP.2827

Trans. of Chemia Analityczna (Poland) v4 n5 p189-97 1959.

TT-66-27030 Field 7A, 7B

Korshunov, V. I.; Shmuk, E. I.
AL-OXIDE FROM COAL TREATMENT WASTE. CEGB-CET.1345.
Order from CEGB as CEGB-CET.1345

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, n2 p153 1957.

TT-66-35719 Field 7A, 13I

USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY NO. 30. 28 Dec 66,

20p. JPRS-39297.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35719

TT-66-35747 Field 7A, 13I

Klimentev, V. P.; Dubanevich, M.
USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY NO. 31. 29 Dec 66, 15p. JPRS-39325.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35747

Trans. of Mashinostroitel (USSR) n7 p35-6 1966 and of Narodnoe Khozyaistvo Kazakhstana (USSR) v24 n9 p10-3 1966.

TT-67-30028 Field 7A, 13I

USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY NO. 32. 3 Jan 67, 20p. JPRS-39377.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30028

TT-67-30078 Field 7A, 13I

Shukhov, Yu. V.; Shmerkovich, V. M.; Suleimenov, S.
USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY NO. 33. 6 Jan 67, 19p. JPRS-39428.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30078

B. Inorganic chemistry

NCH-206 132 Field 7B

Ravich, M. I.; Borovaya, F. E.
PHASE EQUILIBRIA IN THE SODIUM SULFATE-WATER SYSTEM AT HIGH TEMPERATURES AND PRESSURES. 1966, 37p, 46refs. TC-456.
Order from TC: $37.00 as TC-456

Trans. of Zhurnal Neorganicheskoi Khimii (USSR) v9 n4 p952-74 1964.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

NCH-206 139 Field 7B

Paquin, A. M.
THE CONVERSION OF UREA WITH ALCOHOLS. 1966, 20p. IICH-8846.
Order from IICH: $20.00 as IICH-8846

Trans. of Zeitschrift fuer Naturforschung (West Germany) v1 p518-23 1946.

NCH-206 166 Field 7B

Ruff, O.
FROM IODOFORM TO FLUOROFORM. 1966, 15p. IICH-8879.
Order from IICH: $15.00 as IICH-8879

Trans. of Chemische Berichte (West Germany) v69 p299-308 1936.

NCH-206 844 Field 7B

Gubin, S. P.; Rubezhov, A. Z.; Denisovich, L. I.
REACTION OF METALLIC MERCURY WITH mu-ALLYL COMPOUNDS OF PALLADIUM. 1966, 2p. ATS-40T97R.
Order from ATS: $2.25 as ATS-40T97R

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Khimicheskaya, n9 p1680 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-26730 Field 7B

Rhedey, P.
SILICA DETERMINATION. CEGB-CET.1295.
Order from CEGB as CEGB-CET.1295

Trans. of Banyaszati Lapok (Hungary) n11 p402-6 1956.

TT-66-26738 Field 7B

Hostalek, Z.
DETERMINING ALKALI CARBONATE BY WINKLER METHOD. CEGB-CET.1732.
Order from CEGB as CEGB-CET.1732

Trans. of Chemicky Prumysl (Czechoslovakia) v9 n3 p123-5 1959.

TT-66-27113 Field 7B

Swinarski, A.
OXIDATION OF SO_2. CEGB-CET-1743.
Order from CEGB as CEGB-CET-1743

Trans. of Przemysl Chemiczny (Poland) v39 p87-90 1960.

TT-66-27160 Field 7B

Babkin, R. L.
OXYGEN DETECTION IN WATER. CEGB-CET.1675.
Order from CEGB as CEGB-CET.1675

Trans. of Teploenergetika (USSR) v6 n8 p6-9 1959.

C. Organic chemistry

NCH-206 129 Field 7C

Galmiche, P.
INVESTIGATIONS CONCERNING THE CHLORINATION OF METALLIC OXIDES. 1966, 26p, 26refs. TC-447.
Order from TC: $26.00 as TC-447

Trans. of Annales de Chimie (France) v3 p243-70 1948.

NCH-206 134 Field 7C

Berezin, B. D.
PHOTOCHEMICAL PROPERTIES OF PHTHALOCYANINE PIGMENTS. III: DECOMPOSITION OF THE PIGMENT MOLECULES IN ACID SOLUTIONS. COLOR INDEX OF PHTHALOCYANINES. 1966, 11p, 18refs. TC-462.

Order from TC: $11.00 as TC-462

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Khimiya i Khimicheskaya Tekhnologiya (USSR) v7 p111-7 1964.

NCH-206 148 Field 7C

Meyerhoff, G.; Schulz, G. V.
MOLECULAR WEIGHT DETERMINATIONS OF POLYMETHACRYLATE ESTERS BY MEANS OF SEDIMENTATION IN AN ULTRACENTRIFUGE AND DIFFUSION. 1966, 36p. IICH-8855.
Order from IICH: $36.00 as IICH-8855

Trans. of Makromolekulare Chemie (Switzerland) v7 p294-319 1952.

NCH-206 169 Field 7C

Schulz, R. C.; Kaiser, E.; Kern, W.
THE COPOLYMERIZATION OF ACROLEIN AND METHACROLEIN IN HOMOGENEOUS SOLUTION. 1966, 9p. IICH-8882.
Order from IICH: $9.00 as IICH-8882

Trans. of Makromolekulare Chemie (Switzerland) v58 p160-8 1962.

NCH-206 170 Field 7C

Schulz, R. C.; Passmann, W.
THE IONIC POLYMERIZATION OF ACROLEIN AND THE STRUCTURE OF THE POLYMERS. 1966, 18p. IICH-8886.
Order from IICH: $18.00 as IICH-8886

Trans. of Makromolekulare Chemie (Switzerland) v60 p139-54 1963.

NCH-206 547 Field 7C

Sergo, A. A.; Tomilov, A. P.
THE NON-CHLORINE METHODS OF MANUFACTURE OF SYNTHETIC GLYCEROL (Beskhlornye Metody Polucheniya Sinteticheskogo Glitserina). Jul 66, 12p, 75refs. RTS-3442.
Order from NLL: 15s as RTS-3442

Trans. of Khimicheskaya Promyshlennost (USSR) n7 p491-6 1964.

NCH-206 603 Field 7C, 7E

Barnaba, P.; Cordischi, D.; Lenzi, M.; Mele, A.
POLYMERIZATION OF TETRAFLUOROETHYLENE OXIDE (Polimerizzazione dell'Ossido di Tetrafluoroetilene) Tr. by Suzanne Marsden. Feb 66, 10p, refs. RAE-Lib-Trans-1152.
Order from NLL

Trans. of la Chimica e l'Industria (Italy) v47 n10 p1060-3 1965.

NCH-206 846 Field 7C

Belov, A. P.; Moiseev, I. I.; Uvarova, N. G.
EFFECT OF SODIUM ACETATE ON THE RATE OF OXIDATION OF ETHYLENE WITH PALLADIUM ACETATE IN ACETIC ACID. 1966, 4p. ATS-39T97R.
Order from ATS: $7.00 as ATS-39T97R

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Khimicheskaya, n9 p1642-4 1966.
For another listing of this journal see 'Translated or Abstracted Publications', in TT Vol. 16, No. 4.

NCH-206 856 Field 7C

Braz, G. I.
REACTION OF 1,2-ALKYLENIMINES WITH BENZENE. 1966, 5p. ATS-15T97R.
Order from ATS: $8.00 as ATS-15T97R

Trans. of Akademiya Nauk SSSR. Doklady, v87 n5 p747-50 1952.

NCH-206 857 Field 7C

Braz, G. I.
DIRECT INTRODUCTION OF THE 2-AMINOETHYL GROUP INTO THE BENZENE RING. 1966, 5p. ATS-16T97R.
Order from ATS: $8.50 as ATS-16T97R

Trans. of Akademiya Nauk SSSR. Doklady, v87 n4 p589-92 1952.

NCH-206 907 Field 7C, 7B

Kulberg, L. M.; Kovaleva, A. G.
THE REACTION OF DITHIOCARBAMATES WITH MOLYBDATES (O Vzaimodieistvii Ditiokarbamatov s Molibdatami). Oct 66, 5p. RTS-3521.
Order from NLL: 7s 6d as RTS-3521

Trans. of Akademiya Nauk SSSR. Doklady, v98 n1 p79-81 1954.

NCH-206 979 Field 7C

Naegeli, C.; Tyabji, A.; Conrad, L.; Litwan, F.
THE ACTION OF WATER ON AROMATIC ISOCYANATES. 1966, 42p. TC-2255.
Order from TC: $28.50 as TC-2255

Trans. of Helvetica Chimica Acta (Switzerland) v21 p1100-26 1938.

NCH-206 980 Field 7C

Voronkov, M. G.; Udre, V. E.
STUDY OF THE INTERACTION OF SULFUR WITH ORGANIC COMPOUNDS. 1966, 10p. TC-2271.
Order from TC: $9.00 as TC-2271

Trans. of Khimiya Geterotsiklicheskikh Soedinenii (USSR) n5 p682-9 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

NCH-206 981 Field 7C

Yakubovich, A.; Rosenshtein, S. M.; Ginsburg, V. A.; Smirnov, K. M.
LOW TEMPERATURE FLUORINATION OF ETHYLENE DERIVATIVES BY FLUORINE. 1966, 5p. TC-2321.
Order from TC: $6.00 as TC-2321

Trans. of Zhurnal Obshchei Khimii (USSR) v36 p150-2 1966.

NCH-206 982 Field 7C

Panizzi, L.; Siena, M. S.
HETEROCYCLIC SYNTHESES. REPT. 6: KETONE AND OXYMETHYLENE ETHER REAGENTS. 1966, 10p. TC-2348.
Order from TC: $9.00 as TC-2348

Trans. of Gazzetta Chimica Italiana, v73 p335-43 1943.

NCH-206 983 Field 7C

Sundermeyer, W.
NEW PREPARATION METHODS OF CYANIDES, CYANATES AND THIOCYANATES OF SILICON AND CARBON. 1966, 6p. TC-2584.
Order from TC: $7.00 as TC-2584

Trans. of Zeitschrift fuer Anorganische und Allgemeine Chemie (East Germany) v313 p290-5 1961.

NCH-206 984 Field 7C

Pilgram, K.; Korte, F.
REACTION OF AROMATIC CYANIC ACID ESTERS WITH TRIETHYL PHOSPHITE. 1966, 2p. TC-2588.
Order from TC: $2.50 as TC-2588

Trans. of Tetrahedron Letters (U.S.) n9 p881-3 1966.

NCH-206 986 Field 7C

Wolff, J. P.; Audiau, F.
DETERMINATION OF THE DIBUTYLHYDROXY-TOLUENE (BHT) IN FATTY SUBSTANCES BY CHROMATOGRAPHY IN THE GASEOUS PHASE. 1966, 9p. TC-2455.
Order from TC: $9.00 as TC-2455

Trans. of Societe Chimique de France. Bulletin, n10 p2662-4 1964.

NCH-206 990 Field 7C

Moskeeva, R. N.; Tsarfin, Ya. A.
GAS CHROMATOGRAPHIC DETERMINATION OF ACETALDEHYDE IMPURITIES AND PROPYLENE OXIDE IN ETHYLENE OXIDE. 1966, 4p. TC-2314.
Order from TC: $3.50 as TC-2314

Trans. of Zavodskaya Laboratoriya (USSR) v31 p1053-4 1965.

NCH-206 992 Field 7C

Hammerich, T.; Gondermann, H.
POTENTIOMETRIC DETERMINATION OF MERCAPTAN SULFUR IN HYDROCARBONS. 1966, 7p. TC-2548.
Order from TC: $7.00 as TC-2548

Trans. of Erdoel und Kohle-Erdgas-Petrochemie (West Germany) v17 n1 p20-2 1964.

NCH-207 005 Field 7C

Szejtli, J.; Augustat, S.
CONFIGURATION OF THE AMYLOSE MOLÚCULE IN AQUEOSE SOLUTION. 1966, 36p. TC-2329.
Order from TC: $27.50 as TC-2329

Trans. of die Starke (West Germany) v18 n2 p38-52 1966.

NCH-207 006 Field 7C

Solms, J.; Egli, R.
RESINS OF CYCLODEXTRIN STRUCTURE WITH INCLUSION CAVITIES. 1966, 4p. TC-2496.
Order from TC: $4.00 as TC-2496

Trans. of Helvetica Chimica Acta (Switzerland) v48 n6 p1225-8 1965.

TT-66-26772 Field 7C, 11I

Gul, V. E.; Kovriga, V. V.; Kamenskii, A. N.
A STUDY OF THE SPONTANEOUS CONTRACTION OF POLYMERS WITH A BRANCHED SPATIAL STRUCTURE DURING THEIR BREAKDOWN. CEGB-CET.1938.
Order from CEGB as CEGB-CET.1938

Trans. of Akademiya Nauk SSSR. Doklady, v133 n6 p1364-7 1960.

D. Physical chemistry

NCH-206 131 Field 7D

Levinskii, M. I.; Mukhin, I. V.; Sereba, I. P.
COLORIMETRIC METHOD FOR THE DETERMINATION OF FREE CHLORINE IN HYDROCHLORIC ACID. 1966, 3p, 2refs. TC-454.
Order from TC: $3.50 as TC-454

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) v29 n1 p100-1 1963.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

NCH-206 133 Field 7D

Kuhn, J. W.
PLATINIZED SPECIAL METAL ELECTRODES IN ELECTRO-CHEMISTRY. 1966, 12p, 7refs. TC-459.
Order from TC: $12.00 as TC-459

Trans. of Chemiker Zeitung (West Germany) v88 n5 p597-601 1964.

NCH-206 138 Field 7D

Plesch, P. H.
THE CHEMISM OF CATIONIC POLYMERIZATION. 1966, 34p. IICH-8845.
Order from IICH: $34.00 as IICH-8845

Trans. of Zeitschrift fuer Elektrochemie (West Germany) v60 p325-33 1956.

NCH-206 158 Field 7D

Grube, G.; Burkhardt, A.
THE USE OF CHROME PLATED CATHODES IN THE ELECTROLYTICAL PRODUCTION OF CHLORATES. 1966, 14p. IICH-8865.
Order from IICH: $14.00 as IICH-8865

Trans. of Zeitschrift fuer Elektrochemie (West Germany) v30 p67-72 1924.

NCH-206 173 Field 7D

Ardenne, M. von.
ADVANCES IN THE ELECTRON ADDITION MASS SPECTROGRAPHY OF MULTI-ATOMED MOLECULES. 1966, 26p. IICH-8889.
Order from IICH: $26.00 as IICH-8889

Trans. of Zeitschrift fuer Angewandte Physik (West Germany) v11 p121-31 1959.

NCH-206 591 Field 7D

Martynova, O. I.; Samoilov, Yu. F.; Kurtova, I. S.
THE SOLUBILITY OF CALCIUM SULPHATE IN HIGH-TEMPERATURE AND SUPERCRITICAL STEAM. Tr. by E. B. Uvarov. Apr 66, 7p, 4refs. AERE-Trans-1058.
Order from HMSO: 1s 9d as AERE-Trans-1058

Trans. of Akademiya Nauk SSSR. Izvestiya. Energetika i Transport, n3 p132-6 1964.

NCH-206 978 Field 7D

Kulba, F. Ya.
THE STABILITY OF LEAD TETRACHLORIDE (K Voprosu ob Ustoichivosti Chetirekhkhloristogo Svintsa). Sep 66, 9p, 5refs. RTS-3396.
Order from NLL: 15s as RTS-3396

Trans. of Zhurnal Prikladnoi Khimii (USSR) v23 n4 p339-44 1950
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

NCH-206 989 Field 7D

Weinheimer, P. H.; Johanning, H.; Ackermann, H.
RELATIONSHIPS BETWEEN MASS ABSORPTION AND BACKGROUND INTENSITY IN X-RAY FLUORESCENCE SPECTRAL ANALYSIS. 1966, 15p. TC-2326.
Order from TC: $13.50 as TC-2326

Trans. of Zeitschrift fuer Analytische Chemie (West Germany) v214 p241-52 1965.

NCH-206 991 Field 7D

Schuhknecht, W.; Schinkel, H.
CONTRIBUTION TO THE REMOVAL OF EXCITATION INFLUENCE IN FLAME SPECTRAL ANALYTICAL INVESTIGATIONS. 1966, 32p. TC-2308.
Order from TC: $26.50 as TC-2308

Trans. of Zeitschrift fuer Analytische Chemie (West Germany) v194 p161-83 1963.

NCH-207 014 Field 7D

Rickert, H.
DIFFUSION THROUGH A LINEAR CHAIN. 1966, 12p. TC-2440.
Order from TC: $12.00 as TC-2440

Trans. of Zeitschrift fuer Physikalische Chemie, Frankfurt (West Germany) v43 p129-39 1964.

TT-66-26734 Field 7D

Korbel, J.
METALLCHROME INDICATORS. III. CEGB-CET.3383.
Order from CEGB as CEGB-CET.3383

Trans. of Chemicke Listy (Czechoslovakia) v51 p1304-6 1957.

TT-66-26736 Field 7D

Gottfried, J.
SO_2 RECORDER. CEGB-BCURA.94.
Order from CEGB as CEGB-BCURA.94

Trans. of Chemicky Prumysl (Czechoslovakia) v6 p143-5 1956.

TT-66-27061 Field 7D

Toshikazu, Tarutani.
SILICA IN WATER. CEGB-CET-2461.
Order from CEGB as CEGB-CET-2461

Trans. of Nihon Kagaku Zasshi (Japan) v77 p1721-7 1956.

TT-66-27063 Field 7D

Kato, Takeshi.
SULPHIDE ION IN WATER. CEGB-CET-2629.
Order from CEGB as CEGB-CET-2629

Trans. of Nihon Kagaku Zasshi (Japan) v80 n5 p476-7 1959.

TT-66-27081 Field 7D, 20B

Gruevskaya, I. Ya.
X-RAY REFLECTIONS. CEGB-MF(S)-4084.
Order from CEGB as CEGB-MF(S)-4084

Trans. of Kristallografiya (USSR) v1 p422 1956.

TT-66-27082 Field 7D, 20B

Ioffe, Yu. K.
IONISATION RECORDING X-RAY APPARATUS. CEGB-MP(S)-4094.
Order from CEGB as CEGB-MP(S)-4094

Trans. of Kristallografiya (USSR) v1 p459-67 1956.

TT-67-60339 Field 7D

Talroze, V. L.; Tantsyrev, G. D.; Gorshkov, V. I.
CHROMATO-MASS-SPECTROMETRY. COMMUNICATION 2. PROBLEMS OF COMBINING CHROMATOGRAPHIC COLUMNS WITH A MASS-SPECTROMETRIC DETECTOR. Tr. by A. Magrath. 1966, 18p, 18refs. TRC-Trans-1114.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60339

Trans. of Zhurnal Analiticheskoi Khimii (USSR) v20 n1 p103-11 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

E. Radio and radiation chemistry

NCH-206 594 Field 7E

Herrmann, G.
25 YEARS OF NUCLEAR FISSION. METHODS AND RESULTS OF CHEMICAL STUDIES, 2. METHODS.

Tr. by A. Crozy. Mar 66, 47p, 236refs.
AERE-Trans-1057.
Order from HMSO: 7s as AERE-Trans-1057

Trans. of Radiochimica Acta (West Germany) v4 p173-88 1965.

NCH-207 010 Field 7E

Pertessis, M. M.
THERMAL ANNEALING OF NEUTRON-IRRADIATED COPPER PHTHALOCYANINE HAVING UNDERGONE PREVIOUS TREATMENTS. 1966, 8p. TC-2336.
Order from TC: $8.00 as TC-2336

Trans. of Radiochimica Acta (West Germany) v4 n1 p44-7 1965.

08 EARTH SCIENCES AND OCEANOGRAPHY

TT-66-35736 Field 8-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 49. 28 Dec 66, 50p. JPRS-39314.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35736

TT-67-30199 Field 8-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 50. 16 Jan 67, 38p. JPRS-39549.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30199

A. Biological oceanography

TT-67-60366 Field 8A, 6C

Pavshtiks, E. A.
THE QUANTITATIVE DISTRIBUTION OF THE ZOOPLANKTON IN THE SOUTHERN PART OF THE DAVIS STRAIT. 1966, 8p.
MAFF-Trans-NS-84.
Order from CFSTI: HC$3.00, MF$0.65
as TT-67-60366

Trans. of mono. Scientific Council of PINRO on the Results of Investigations Carried out in 1964 materials, Murmansk, 1966 p118-22.

TT-67-60367 Field 8A

Polonskii, A. S.
THE HORSE MACKEREL OF THE EASTERN ATLANTIC AND ITS FISHERY. 1966, 8p.
MAFF-Trans-NS-85.
Order from CFSTI: HC$3.00, MF$0.65
as TT-67-60367

Trans. of Rybnoe Khozyaistvo (USSR) v41 n6 p8-10; n7 p13-5 1965.

C. Dynamic oceanography

TT-67-30107 Field 8C

Kozlov, V. F.
ON DETERMINING THE DEPTH OF THE ZERO SURFACE. 9 Jan 67, 6p, 3refs. JPRS-39457.
Order from CFSTI: HC$3.00, MF$0.65
as TT-67-30107

Trans. of Akademiya Nauk SSSR. Doklady, v170 n5 p1068-9 1966.

TT-67-60364 Field 8C, 6C

Seryakov, E. I.
ON THE POSSIBILITY OF PREDICTING THE THERMAL CONDITION OF THE WATERS OF THE ICE-FREE PART OF THE BARENTS SEA FOR FIVE YEARS. 1966, 7p, 12refs. MAFF-Trans-NS-82.
Order from CFSTI: HC$3.00, MF$0.65
as TT-67-60364

Trans. of Gidrometeorologicheskii Institut, Leningrad. Trudy (USSR) v17 n3 p57-61 1964.

TT-67-60365 Field 8C, 8H

Valerianova, M. A.; Novikova, E. M.
ON THE VARIABILITY OF HYDROLOGICAL CONDITIONS IN THE SOUTHERN PART OF THE NORWEGIAN SEA. 1966, 8p, refs. MAFF-Trans-NS-83.
Order from CFSTI: HC$3.00, MF$0.65
as TT-67-60365

Trans. of Gidrometeorologicheskii Institut, Leningrad. Trudy (USSR) v17 n3 p3-10 1964.

TT-67-60516 Field 8C

Brovikov, I. S.
THE FUNCTION OF WAVE HEIGHT DISTRIBUTION IN A CONFUSED SEA (Funktsii Raspredeleniya Vysot Voln pri Smeshannom Volnenii). Tr. by M. Siessers. 1967, 11p, 6refs. NOO-Trans-236; AD-645 928.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 928

Trans. of Gosudarstvennyi Okeanograficheskii Institut. Trudy (USSR) v50 p33-8 1960.

D. Geochemistry

NCH-206 831 Field 8D

Galimov, E. M.
ISOTOPIC CARBON COMPOSITION OF SOIL CO_2. 1966, 10p. ATS-04T98R.
Order from ATS: $14.85 as ATS-04T98R

Trans. of Geokhimiya (USSR) n9 p1110-18 1966.

E. Geodesy

TT-66-35762 Field 8E, 8B

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 77. 30 Dec 66, 14p.
JPRS-39340.
Order from CFSTI: HC$3.00, MF$0.65
as TT-66-35762

Trans. of Ts'e Liang Chih T'u Hsueh Pao (Chinese People's Republic) v6 n1 58p; n2 p59-135 1963.

TT-67-30106 Field 8E

Alekzidze, M. A.
REGULARIZATION OF THE EARTH. 9 Jan 67, 8p, 4refs. JPRS-39456.
Order from CFSTI: HC$3.00, MF$0.65
as TT-67-30106

Trans. of Akademiya Nauk SSSR. Doklady, v170 n5 p1064-7 1966.

TT-67-60503 Field 8E

Chang, T. S.
THE ANALYSIS OF CERTAIN PROBLEMS IN THE THEORY OF CHART CONSTRUCTION BY TRANSFORMATION OF LIGHT BEAMS USING THE PRINCIPLE OF DEFORMATION CORRECTION. 15 Sep 66, 29p. FTD-TT-65-2016; AD-645 833.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 833

Edited trans. of Ts'e Liang Chih T'u Hsueh Pao (Chinese People's Republic) v7 n1 p42-57 1964.

G. Geology and mineralogy

NCH-206 998 Field 8G

Mirchnik, M. F.
ONE HUNDREDTH ANNIVERSARY OF THE DOMESTIC OIL AND GAS INDUSTRY. 1966, 17p. TC-2323.
Order from TC: $17.00 as TC-2323

Trans. of Geologiya Nefti i Gaza (USSR) v8 n9 p1-11 1964.

TT-66-26685 Field 8G

Burtman, V. S.
THE NEW ZEALAND HORIZONTAL FLEXURE AND ALPINE TRANSCURRENT FAULT. 24p.
Order from ETC: $2.60 as TT-66-26685

Trans. of Akademiya Nauk SSSR, Geologicheskii Institut, Trudy, n139 p128-52 1965.

TT-66-26756 Field 8G

Skilkrut, D. I.
THEORY OF DEV. OF REAL MICROCRACKS. CEGB-X.32.
Order from CEGB as CEGB-X.32

Trans. of Akademiya Nauk SSSR, Doklady, v122 n1 p69-72 1958.

TT-66-26758 Field 8G

Rozhanskii, V. N.
MICROCRACK DEVELOPMENT. CEGB-X.35.
Order from CEGB as CEGB-X.35

Trans. of Akademiya Nauk SSSR, Doklady, v123 n4 p648-51 1958.

TT-66-27028 Field 8G, 8I

Migulya, P. S.
MINERAL CONSTITUENTS OF COALS AND THEIR INFLUENCE ON THE FLOTATION PROCESS. CEGB-CE.Trans.4150.
Order from CEGB as CEGB-CE.Trans.4150

Trans. of Ugol Ukrainy (USSR) v8 n2 p38-41 1964.

TT-66-35731 Field 8G

COMMUNIST CHINA: SCIENCE AND TECHNOLOGY TRANSLATIONS NO. 359. 28 Dec 66, 27p. JPRS-39309.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35731

Trans. of Hua-Pei Hua-Nan Chung-Sheng-Tai Hsin-Sheng-Tai Ti-Chih Kou-Tsao Fa-Chan T'e-Cheng (Chinese People's Republic) Jun 4p 1966.

TT-66-35760 Field 8G

Rukhin, B.; Matushevich, V.; Uspenskii, V.
USSR INDUSTRIAL DEVELOPMENT: METALLURGY AND MINERALS NO. 37. The Mission of Kazakhstan Geologists. 30 Dec 66, 8p. JPRS-39338.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35760

Trans. of Narodnoe Khozyaistvo Kazakhstana (USSR) v24 n9 p23-7 1966.

TT-67-30159 Field 8G, 2F

Shehu, R.; Dine, T.
ALBANIA: PRESS INFORMATION REPORT NO. 202. 12 Jan 67, 16p. JPRS-39509.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30159

Trans. of Ekonomia Popullore (Albania) n5 p25-33 1966 and Bashkimi (Albania) 3 Dec p2 1966.

TT-67-30206 Field 8G

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 80. 17 Jan 67, 48p. JPRS-39556.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30206

Abstract trans. of Ti Chih Hsueh Pao (Chinese People's Republic) v40 n1 132p 1960; v42 n4 p361-440 1962 and Ti Ch'iu Wu Li Hsueh Pao (Chinese People's Republic) v9 n1 82p; n3 p83-175 1960; v10 n1 99p; n2 p101-63 1961.

TT-67-60395 Field 8G

Galushko, P. Ya.
ON THE DEPENDENCY OF THE VALUE OF BOUGUER ANOMALY ON THE THICKNESS OF THE EARTH'S CRUST (O Zavisimosti Velichiny Anomalii Buge ot Moshchnosti Zemnoi Kory). Tr. by Henry Tomas. Dec 66, 9p, 7refs. ACIC-TC-1145; AD-645 018.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 018

Trans. of Geofizicheskii Sbornik (USSR) v12 n1 p27-31 1965.

I. Mining engineering

NCH-206 145 Field 8I

Sidorov, I. N.; Kuklin, I. S.; Khrushchev, G. N.; Shtukaturov, K. M.; Rozov, B. V.
HYDRAULIC CUTTING OF HARD COAL IN MINES OF THE KIZELOVSKI BASIN (Gidravlicheskaya Otboika Krepkikh Uglei na Shakhtakh Kizelovskov Basseina). Sep 66, 9p. RTS-3357.
Order from NLL: 7s 6d as RTS-3357

Trans. of Ugol (USSR) v37 n3 p16-8 1962.

NCH-206 147 Field 8I

Nurok, G. A.; Antonov, V. A.
MEANS FOR IMPROVING HYDRAULIC BREAKDOWN

OF ROCK (Puti Sovershenstvovaniya Gidravlicheskogo Razrusheniya Gornykh Porod). Sep 66, 11p. RTS-3352. Order from NLL: 10s as RTS-3352

Trans. of Gornyi Zhurnal (USSR) v136 n11 p28-31 1961.

NCH-206 847 Field 8I

Telkov, A. P.
DETERMINATION OF THE LIMITING WATER-FREE PRODUCTION OF OIL OR GAS IN ANISOTROPIC RESERVOIRS. 1966, 4p. ATS-08T97R.
Order from ATS: $7.95 as ATS-08T97R

Trans. of Gazovaya Promyshlennost (USSR) v7 n8 p13-5 1962.

NCH-206 999 Field 8I

Martyntsiv, O. F.
INVESTIGATION OF THE PROCESS OF DISPLACEMENT OF PETROLEUM FROM NONHOMOGENEOUS STRATA WITH WATER. 1966, 19p. TC-2306.
Order from TC: $19.00 as TC-2306

Trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika n5 p175-82 1965.

TT-66-26740 Field 8I, 7D

Yudilevich, M. M.
LUMINESCENCE METHOD AND APPARATUS FOR ANALYSIS OF WATEROIL EMULSIONS. CEGB-CET.2722.
Order from CEGB as CEGB-CET.2722

Trans. of mono. Metody Lyuminestsentn. Analiza, Sbornik, Minsk, 1960 p87-9. Conference of Luminescence- 1924 Oct 1959 (no. 8).

TT-66-26779 Field 8I

Stardskosky, N. H. F.
MINE-HAULAGE SYSTEM. CEGB-E.D.Sept./56.
Order from CEGB as CEGB-E.D.Sept./56

Trans. of Elektrichestvo (USSR) n4 p28-31 1956.

TT-66-27080 Field 8I

Pogrebinskaya.
SULPHUR IN COAL. CEGB-CET-1841.
Order from CEGB as CEGB-CET-1841

Trans. of Koks i Khimiya (USSR) n6 p11-2 1960.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-59003-2 Field 8I, 11F

MINING AND METALLURGY QUARTERLY, NO. 2, 1966. 1966, 84p, refs.
SFCSI-Int(TT-66-59003-2).
Order from CFSTI: $3.00 as TT-66-59003-2

Trans. of Rudarsko-Metalurski Zbornik (Yugoslavia) n2 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

J. Physical oceanography

TT-66-26545 Field 8J

Ochakovskii, Yu. E.
ON THE COMPARISON OF MEASURED AND COMPUTED INDICATRICES OF THE SCATTERING OF SEA WATER (O Sopostavlenii Izmerennykh i Raschetnykh Indikatrits Rasseyaniya Morskoi Vody). 10p. DTC-103.
Order from ETC: $1.10 as TT-66-26545

Unedited draft trans. of Akademiya Nauk SSSR. Institut Okeanologii. Trudy, v77 p125-30 1965.

TT-66-26546 Field 8J

Ochakovskii, Yu. E.
ON THE DEPENDENCE OF THE INDEX OF ATTENUATION OF LIGHT ON THE SUSPENSION CONTAINED IN THE SEA (O Zavisimosti Pokazatelya Oslableniya Sveta ot Soderzhashcheisya v More Vzvesi). 11p. DTC-104.
Order from ETC: $1.60 as TT-66-26546

Unedited draft trans. of Akademiya Nauk SSSR. Institut Okeanologii. Trudy, v77 p35-40 1965.

TT-67-60417 Field 8J

Gorshkova, T. I.
SEDIMENTS OF THE KARA SEA (Osadki Karskogo Morya). Tr. by M. Slessers. 1967, 39p, 25refs. NOO-Trans-333; AD-645 482.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 482

Trans. of Vsesoyuznoe Gibrobiologicheskoe Obshchestvo. Trudy (USSR) v8 p68-99 1957.

K. Seismology

TT-67-60471 Field 8K, 13M

Babylov, D.
STUDIES OF THE STABILITY AND STRENGTH OF EARTH DAMS AND DIKES BY MODELS ON A SEISMIC PLATFORM (Modelnye Issledovaniya Ustoichivosti i Prochnosti Zemlyanykh Peschanykh Plotin i Damb na Seismicheskoi Platforme Programmnogo Upravleniya). Tr. by Anne W. Sands. Mar 64, 20p (foreign text included) refs. BR-D-Trans-500.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60471

Trans. of Akademiya Nauk Turkmenskoi SSR, Ashkhabad, Izvestiya. Seriya Fiziko-Tekhnicheskikh, Khimicheskikh i Geologicheskikh Nauk, n1 p54-9 1963.

M. Soil mechanics

TT-67-60462 Field 8M

Florin, V. A.
ON THE PROBLEM OF LIQUEFACTION OF PURE WATER-SATURATED FINE SANDS (K Voprosu o Razzhizhenii Chistykh Vodonasyshchennykh Melkozernistykh Peskov). Tr. by June Stevens. Jul 65, 16p (foreign text included). BR-D-Trans-585.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60462

Trans. of Gidrotekhnicheskoe Stroitelstvo (USSR) v20 n7 p34-6 1951.

TT-67-60464 Field 8M, 13M

Ivanov, P. L.
PECULIARITIES OF THE LIQUEFACTION OF

SATURATED SANDY SOILS WHEN OVERBURDEN AND DRAINAGE ARE PRESENT (Osobennosti Razzhizheniya Peschanykh Vodonasntsennykh Gruntov pri Nalichii Prigruzki i Drenazha). Jun 65, 22p (foreign text included) refs. BR-D-Trans-550.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60464

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, n8 p65-71 1956.

TT-67-60466 Field 8M, 13M

Sheikov, M. L.; Zelbrandt, V. A.
A PRACTICAL METHOD OF CALCULATING THE INFLOW OF WATER INTO A FOUNDATION PIT SURROUNDED BY MULTILAYER SOIL (Prakticheskii Spsob Podscheta Pritoka Vody v Kotlovan pri Mnogosloinoi Srede). Tr. by Phillip F. Enger. May 65, 16p (foreign text included) refs. BR-D-Trans-560.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60466

Trans. of Osnovaniya, Fundamenty i Mekhanika Gruntov (USSR) v6 n5 p24-5 1964.

N. Terrestrial magnetism

TT-66-26089 Field 8N

Khocholava, G. M.
ON ANOMALOUS ABSORPTION IN THE POLAR CAP. 10p (some refs omitted) 8refs.
Order from ETC: $1.10 as TT-66-26089

Trans. of Geomagnetizm i Aeronomiya (USSR) v2 n6 p1095-102 1962.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

09 ELECTRONICS AND ELECTRICAL ENGINEERING

A. Components

NCH-206 868 Field 9A

Kammermaier, J.
INVESTIGATION OF THE DECOMPOSITION PROCESSES DURING DIELECTRIC BREAKDOWNS IN CAPACITORS WITH METALLIZED DIELECTRICS. 1966, 11p. ATS-72T97G.
Order from ATS: $13.85 as ATS-72T97G

Trans. of Frequenz (West Germany) v18 n5 p145-50 1964.

NCH-206 870 Field 9A

Emmrich, P.
NOVEL MAGNET SYSTEMS FOR FERRITE RESONANT ISOLATORS. 1966, 10p. ATS-22T97G.
Order from ATS: $12.25 as ATS-22T97G

Trans. of Frequenz (West Germany) v17 n9 p339-43 1963.

TT-66-26735 Field 9A

Vaisman, L. M.
CONDUCTING PARTICLES IN CAPACITOR PAPER. CEGB-IB.1742.
Order from CEGB as CEGB-IB.1742

Trans. of Bumazhnaya Promyshlennost (USSR) v32 n7 p10-3 1957.

TT-66-26741 Field 9A

Promes, A.
PULSED DISCHARGES WITH WEAK CURRENTS. CEGB-ED.Sept.1957.
Order from CEGB as CEGB-ED.Sept.1957

Trans of Ceskoslovensky Casopis pro Fysiku, v7 n3 p320-6 1957.

TT-66-26742 Field 9A

Zizka, E.
FORMATION OF CATHODE-SPOTS. CEGB-IB.1896.
Order from CEGB as CEGB-IB.1896

Trans. of Ceskoslovensky Casopis pro Fysiku, v10 n4 p327-33 1960.

TT-66-26782 Field 9A

Kuznetsov, R. S.
WEAR RESISTANCE OF CONTACTS. CEGB-IB.1522.
Order from CEGB as CEGB-IB.1522

Trans. of Elektrichestvo (USSR) n5 p43-5 1956.

TT-66-26789 Field 9A

Balygin, I. E.
TRANSFORMER OIL SURFACE FLASHOVER. CEGB-CET.1039.
Order from CEGB as CEGB-CET.1039

Trans. of Elektrichestvo (USSR) n7 p63-5 1956.

TT-66-26797 Field 9A

Kalinin, E. V.
SEMI-CONDUCTING GLAZES. CEGB-CET.1086.
Order from CEGB as CEGB-CET.1086

Trans. of Elektrichestvo (USSR) n10 p90-2 1956.

TT-66-26804 Field 9A

Zedginidze, G. P.
SLIDING CONTACTS IN MEASURING CIRCUITS. CEGB-ED/May-1957.
Order from CEGB as CEGB-ED/May-1957

Trans. of Elektrichestvo (USSR) n1 p71-6 1957.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26812 Field 9A, 9C

Kaplan, V. V.
TESTING CIRCUIT-BREAKER. CEGB-IB.1594.
Order from CEGB as CEGB-IB.1594

Trans. of Elektrichestvo (USSR) n7 p68-71 1957.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26826 Field 9A

Dolgov, B. N.
CONSTANT-RESISTANCE. CEGB-IB.1679.
Order from CEGB as CEGB-IB.1679

Trans. of Elektrichestvo (USSR) n7 p64-5 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26840 Field 9A

Renne, V. T.
METALLIZED-PAPER POWER CAPACITORS.
CEGB-IB.1769.
Order from CEGB as CEGB-IB.1769

Trans. of Elektrichestvo (USSR) n8 p73-7 1959.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26847 Field 9A

Kaplan, V. V.; Nashatyr, V. M.; Ivanov, V. L.
BREAKING CAPACITY OF CIRCUIT-BREAKERS.
CEGB-IB.1825.
Order from CEGB as CEGB-IB.1825

Trans. of Elektrichestvo (USSR) n2 p69-73 1960.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26848 Field 9A

Genov, L.
FREE VIBRATIONS OF A COIL. CEGB-EE.541.
Order from CEGB as CEGB-EE.541

Trans. of Elektrichestvo (USSR) n3 p55-9 1960.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26854 Field 9A

Chernyshev, N. M.; Abramova, Z. A.
CIRCUIT-BREAKERS FOR SYNTHETIC CIRCUIT.
CEGB-IB.1854.
Order from CEGB as CEGB-IB.1854

Trans. of Elektrichestvo (USSR) n7 p41-6 1960.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26869 Field 9A

Hapl, J.
MACHINE WINDINGS. CEGB-IB.1593.
Order from CEGB as CEGB-IB.1593

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v45 n3 p127-34 1956.

TT-66-26873 Field 9A

Husa, V.
CIRCUIT-BREAKER ARCS. CEGB-IB.1555.
Order from CEGB as CEGB-IB.1555

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v45 n10 p510-3 1956.

TT-66-26877 Field 9A

Cervinka.
SENSING DEVICE. CEGB-ED.Jan.58.
Order from CEGB as CEGB-ED. Jan.58

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v46 n11 p597-600 1957.

TT-66-26890 Field 9A, 9C

Kubat, M.
SEMICONDUCTOR POWER RECTIFIER CIRCUITS.
CEGB-IB.1818.
Order from CEGB as CEGB-IB.1818

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v49 n2 p92-100 1960.

TT-66-26901 Field 9A

Fabinger, F.
OVERLOADS OF INSULATED CONDUCTORS.
CEGB-CET.2065.
Order from CEGB as CEGB-CET.2065

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v49 n10 p512-5 1960.

TT-66-26902 Field 9A

Novotny, B.
CURRENT-LIMITING FUSES. CEGB-IB.1902.
Order from CEGB as CEGB-IB.1902.

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v49 n11 p600-4 1960.

TT-66-27027 Field 9A

Stekolnikov, I. S.
LEADER CURRENT AND INSULATOR EFFECTIVENESS.
CEGB-AEI-1870.
Order from CEGB as CEGB-AEI-1870

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, n7 p150-2 1957.

TT-66-27054 Field 9A

Lavrukhin, A. M.
LEAKAGE OVER D.C. O.H.L. INSULATORS.
CEGB-A.R.22.
Order from CEGB as CEGB-A.R.22

Trans. of Nauchno-Issledovatelskii Institut Postoyannogo Toka. Izvestiya (USSR) v4 p76-81 1959.

TT-66-27068 Field 9A

Yoshimura, Y.
GRINDABILITY OF COAL- I. CEGB-CET-2434.
Order from CEGB as CEGB-CET-2434

Trans. of Nenryo Kyokai-Shi (Japan) v39 p722-3 1960.

TT-66-27126 Field 9A

Prazak, M.
POTENTIOSTAT. CEGB-CET.1657.

Order from CEGB as CEGB-CET.1657

Trans. of Slaboproudy Obzor (Czechoslovakia) v17 n4 p237-40 1956.

TT-66-27134 Field 9A

Bakshi, O. A.
"POWDER-TAPE" ELECTRODES. CEGB-E.D.4/60.
Order from CEGB as CEGB-E.D.4/60

Trans. of Svarochnoe Proizvodstvo (USSR) n3 p30-3 1960.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60147 Field 9A

Truskalov, N. P.
THE EFFECT OF SPARK SUPPRESSION CIRCUITS ON CONTACT RESISTANCE. 1966, 5p.
POED-Trans-2300.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60147

Trans. of Vestnik Svyazi (USSR) v26 n5 p18-20 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-67-60370 Field 9A, 11F, 13H

Nikolski, K. K.
PROTECTION OF COMMUNICATION CABLES IN ALUMINIUM SHEATHS AGAINST CORROSION. 1966, 8p. POED-Trans-2370.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60370

Trans. of Vestnik Svyazi (USSR) v26 n7 p12-3 1966.
For another listing of this this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

B. Computers

TT-66-26863 Field 9B

Markovich, I. M.; Taft, V. A.; Sovalov, S. A.; Venikov, V. A.; Tsukernik, L. A.
COMPUTERS IN SYSTEM OP. AND DESIGN.
CEGB-CET.2120.
Order from CEGB as CEGB-CET.2120

Trans. of Elektrichestvo (USSR) n12 p9-15 1960.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-35735 Field 9B, 9D

EAST EUROPEAN SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY NO. 20. 28 Dec 66, 31p.
JPRS-39313.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35735

TT-67-30014 Field 9B, 9D

USSR SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY NO. 31. 3 Jan 67, 28p. JPRS-39363.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30014

TT-67-60134 Field 9B, 12A

Shiller, F. F.
AN ALGORITHMIC LANGUAGE FOR DESCRIBING ECONOMIC MATHEMATICAL PROBLEMS (ALGEM), DIGITAL COMPUTER ENGINEERING AND PROGRAMMING. Tr. by Patricia L. Stephan. 1966, 26p, 9refs. LT-66-44.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60134

Trans. of mono. Tsifroviaya Vychislitelnaya Tekhnika i Programmirovaniya (no. 1), Moscow, 1966.

TT-67-60496 Field 9B

Parra, I. K.
INVESTIGATION OF LEARNING PROCESSES IN A COGNITIVE SYSTEM WITH ONE POSITIVE FEEDBACK. 29 Jul 66, 20p, 4refs.
FTD-TT-65-1850; AD-645 821.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 821

Unedited rough draft trans. of Avtomatyka (USSR) v8 n5 p58-68 1963.

TT-67-60497 Field 9B, 12A

Aleskerov, S. A.; Aliev, T. A.
ABOUT A GRAPHIC DATA TRANSFORMING INSTALLATION FOR INTRODUCTION INTO AN ELECTRONIC DIGITAL COMPUTER. 29 Jul 66, 11p, 2refs.
FTD-TT-65-1992; AD-645 822.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 822

Unedited rough draft trans. of Akademiya Nauk Azerbaidzhanskoi SSR, Baku. Izvestiya. Seriya Fiziko-Matematicheskikh i Tekhnicheskikh Nauk, n1 p43-8 1964.

TT-67-60500 Field 9B

Demidenko, V. I.; Oboronko, A. E.
ON NONDESTRUCTIVE READOUT FROM FERRITE MEMORY ELEMENTS BY TRANSVERSE FIELDS.
23 Sep 66, 19p, 8refs. FTD-TT-65-853; AD-645 829.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 829

Edited trans. of mono. Kibernetika i Elektronno-Vychislitlenaya Tekhnika, Leningrad, 1962 p65-78.

C. Electronic and electrical engineering

TT-66-26725 Field 9C

Mikhnievitkh, G. V.
SYNCHRONOUS MACHINES. CEGB-CET.2417.
Order from CEGB as CEGB-CET.2417

Trans. of Acta Technica (Hungary) v28 n3/4 p457-72 1960.

TT-66-26774 Field 9C

Chinlain, M. G.
CONTROL DRIVE BY INDUCTION MOTOR.
Order from CEGB as CEBG-A.E.R.E.

Trans. of Elektrichestvo (USSR) n1 p21-6 1956.

TT-66-26777 Field 9C

Bachurin, N. I.
CURRENT TRANSFORMERS FOR 275-400 kV.
CEGB-IB.1621.
Order from CEGB as CEGB-IB.1621

Trans. of Elektrichestvo (USSR) n3 p29-38 1956.

TT-66-26781 Field 9C

Kaplan, V. V.
FUSE TESTING. CEGB-IB.1541.
Order from CEGB as CEGB-IB.1541

Trans. of Elektrichestvo (USSR) n5 p38-42 1956.

TT-66-26783 Field 9C, 20M

Goltsman, M. N.
DRYING OF POWER TRANSFORMERS.
CEGB-IB.1548.
Order from CEGB as CEGB-IB.1548

Trans. of Elektrichestvo (USSR) n5 p72-6 1956.

TT-66-26784 Field 9C

Neimann, L. R.
RECTIFIER INSTALLATIONS. CEGB-IB.1534.
Order from CEGB as CEGB-IB.1534

Trans. of Elektrichestvo (USSR) n6 p54-9 1956.

TT-66-26788 Field 9C

Vegner, O. G.
MACHINE COMMUTATION. CEGB-IB.1562.
Order from CEGB as CEGB-IB.1562

Trans. of Elektrichestvo (USSR) n7 p19-23 1956.

TT-66-26792 Field 9C

IMPULSE TESTING OF TRANSFORMERS.
CEGB-CET.1059.
Order from CEGB as CEGB-CET.1059

Trans. of Elektrichestvo (USSR) n8 p86-9 1956.

TT-66-26793 Field 9C, 10B

Tidhodeev, N. N.
RAKUSHEV DISCUSSION. CEGB-CET.1084.
Order from CEGB as CEGB-CET.1084

Trans. of Elektrichestvo (USSR) n9 p88-9 1956.

TT-66-26795 Field 9C

Gornshtein, V. M.
SYNCHRONISM. CEGB-CET.1078.
Order from CEGB as CEGB-CET.1078

Trans. of Elektrichestvo (USSR) n10 p12-8 1956.

TT-66-26805 Field 9C

Pavlov, I. V.
BOOSTER TRANSFORMER PROTECTION.
CEGB-IB.1578.
Order from CEGB as CEGB-IB.1578

Trans. of Elektrichestvo (USSR) n3 p35-9 1957.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26815 Field 9C

Csaki, F.
SYNCHRONOUS GENERATORS-HUNGARY.
CEGB-IB.1654.
Order from CEGB as CEGB-IB.1654

Trans. of Elektrichestvo (USSR) n12 p44-9 1957.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26839 Field 9C, 9E

Ivanov, V. L.; Nashatyr, V. M.; Polovoi, I. F.
TESTING H. V. INSULATION. CEGB-IB.1767.
Order from CEGB as CEGB-IB.1767

Trans. of Elektrichestvo (USSR) n7 p61-4 1959.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26841 Field 9C

Tolstov, Yu. G.
CLOCK DIAGRAM OF AN INVERTER.
CEGB-Brunel-Coll.Trs. J.R.38.
Order from CEGB as CEGB-Brunel-Coll.Trs.J.R.38

Trans. of Elektrichestvo (USSR) n11 p37-41 1959.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26843 Field 9C

Shnitser, L. M.
TRANSLFORMER LOAD CURVES.
Order from CEGB as CEGB-UKAEA

Trans. of Elektrichestvo (USSR) n11 p88-90 1959.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26868 Field 9C, 9A

Zajic, V.
CIRCUIT-BREAKER TESTING. CEGB-IB.1586.
Order from CEGB as CEGB-IB.1586

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v45 n2 p75-83 1956.

TT-66-26870 Field 9C, 9A

Roth, V.
H.V. RESISTORS FOR IMPULSE GENERATORS.
CEGB-CET.1047.
Order from CEGB as CEGB-CET.1047

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v45 n6 p287-93 1956.

TT-66-26874 Field 9C

Paderta, B.
TRANSFORMER TESTING. CEGB-IB.1574.

Order from CEGB as CEGB-IB.1574

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v46 n1 p8-13 1957.

TT-66-26878 Field 9C

Stanislavskii, Y. A.
TURBO-GENERATORS 40 TO 300 MW.
CEGB-M.V.2499.
Order from CEGB as GEGB-M.V. 2499

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v47 n3 p27-32 1958.

TT-66-26879 Field 9C, 9A

Macat, J.
TESTING VHV CIRCUIT BREAKERS.
CEGB-IB.1684.
Order from CEGB as CEGB-IB.1684

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v47 n7 p355-9 1958.

TT-66-26880 Field 9C

Sedlak, J.
LONG TRANSMISSION LINES. CEGB-CET.1457.
Order from CEGB as CEGB-CET.1457

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v47 n8 p399-404 1958.

TT-66-26887 Field 9C, 9E

Vavrina, K.
INSULATOR SPRAY TESTS. CEGB-CET.1485.
Order from CEGB as CEGB-CET.1485

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v48 n4 p213-6 1959.

TT-66-26888 Field 9C

Kucera, J.
E.H.V. LABORATORY. CEGB-CET.1525.
Order from CEGB as CEGB-CET.1525

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v48 n7 p357-63 1959.

TT-66-26889 Field 9C

Kresadlo, Z.
BUSBAR LOAD CONTROL. CEGB-CET.1540.
Order from CEGB as CEGB-CET.1540

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v48 n9 p458-62 1959.

TT-66-26892 Field 9C

Bartak, A.
IONIZATION IN TRANSFORMERS. CEGB-IB.1891.
Order from CEGB as CEGB-IB.1891

Trans. of Elektrotechnicky Obznor (Czechoslovakia) v49 n3 p141-7 1960.

TT-66-26894 Field 9C

Rychtera, M.
DIELECTRIC MEASUREMENTS. CEGB-CET.1783.
Order from CEGB as CEGB-CET.1783

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v49 n6 p304-7 1960.

TT-66-27039 Field 9C

Kazovskii, E. Ya.
TRANSIENT PROCESSES IN A.C. MACHINES.
CEGB-IB.1859.
Order from CEGB as CEGB-IB.1859

Trans. of Akademiya Nauk SSSR. Izvestiya. Energetika i Transport, n5 p11-22 1959.

TT-66-27040 Field 9C

Kovalev, F. I.
FAULT CONDITIONS OF TRANSISTOR RECTIFIER.
CEGB-IB.1709.
Order from CEGB as CEGB-IB.1709

Trans. of Akademiya Nauk SSSR. Izvestiya. Energetika i Transport, n5 p28-36 1959.

TT-66-27042 Field 9C

Borisov, V. N.
DIELECTRIC RECOVERY OF AIR-BLAST BREAKER.
CEGB-IB.1904.
Order from CEGB as CEGB-IB.1904

Trans. of Akademiya Nauk SSSR. Izvestiya. Energetika i Transport, n6 p28-34 1960.

TT-66-27050 Field 9C

Isupov, V. A.
PHASE TRANSFORMATIONS. CEGB-IB.1700.
Order from CEGB as CEGB-IB.1700

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, v22 n12 p1504-7 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27072 Field 9C

Takehashi, S.
FORECASTING SYSTEM LOAD. CEGB-OHPC-Trans.
Order from CEGB as CEGB-OHPC-Trans.

Trans. of Nihon Genshiryoku Gakkaishi (Japan) n3-4 p119-22 1960.

TT-66-27101 Field 9C, 20K

Morecki, A.
STRAIN GAUGE ACCELEROMETERS.
CEGB-CET.2077.
Order from CEGB as CEGB-CET.2077

Trans. of Pomiary, Automatyka, Kontrola (Poland) v6 n7 p252-4 1960.

TT-66-27109 Field 9C

Vasilev, I. A.
END WINDOW COUNTER EFFICIENCY.
CEGB-X.72.
Order from CEGB as CEGB-X.72

Trans. of Pribory i Tekhnika Eksperimenta (USSR) n1 p57-61 1959.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27110 Field 9C

Konstantinov, A. A.
ACTIVITY OF SPECIMENS. CEGB-X.65.
Order from CEGB as CEGB-X.65

Trans. of Pribory i Tekhnika Eksperimenta (USSR) n1 p67-8 1959.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-30017 Field 9C, 14B

Runc, I. W.
EAST EUROPEAN ELECTRONIC AND PRECISION EQUIPMENT INDUSTRIES: TRANSLATIONS NO. 5. Production Program of the Lubuski "Lumel" Electrical Apparatus Plant. 3 Jan 67, 8p. JPRS-39366.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30017

Trans. of Pomiery Automatyka Kontrola (Poland) v12 n10 p437-9 1966.

TT-67-30039 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 55. 4 Jan 67, 62p. JPRS-39388.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30039

Abstract trans. of Wu Hsien Tien (Chinese People's Republic) n1 24p; n10 24p; n11 24p 1964 and Tien Tzu Chi Shu (Chinese People's Republic) n8 56p; n9 60p 1966.

TT-67-30198 Field 9C

USSR SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 55. 16 Jan 67, 56p. JPRS-39548.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30198

TT-67-30200 Field 9C

EAST EUROPEAN SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 29. 16 Jan 67, 52p. JPRS-39550.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30200

TT-67-30218 Field 9C

USSR SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 56. 17 Jan 67, 99p. JPRS-39568.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30218

TT-67-60519 Field 9C

Lentsmann, V. L.; Matveeva, A. G.
SPATIAL FILTRATION OF ELECTRON IMAGES AT ACCUMULATION ON TARGET (Prostranstvennaya Filtratsiya Elektronhykh Izobrazhennii pri Nakoplenyi na Misheni). Jan 67, 8p, 1ref. AERDL-T-1884-66; AD-645 946.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 946

Trans. of Zhurnal Tekhnicheskoi Fiziki (USSR) v36 n8 p1514-5 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60522 Field 9C

Korolev, V. N.
TESTING THE INSULATION OF HIGH-VOLTAGE MACHINES (Ispytaniya Izolyatsii Mashin Vysokogo Napryazheniya). Feb 66, 13p (foreign text included) refs. BR-D-Trans-591.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60522

Trans. of Elektrotekhnika (USSR) v35 n12 p29-31 1964.

D. Information theory

TT-67-30032 Field 9D

TECHNICAL CYBERNETICS, NO. 5, 1966. 3 Jan 67, 255p, refs. JPRS-39381.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30032

Trans. of Akademiya Nauk SSSR. Izvestiya. Tekhnicheskaya Kibernetika, n5 176p 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-30189 Field 9D, 6D

CYBERNETICS NO. 5, 1966. 16 Jan 67, 193p, refs. JPRS-39539.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30189

Trans. of Kibernetika (USSR) n5 104p 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

E. Subsystems

TT-66-26775 Field 9E

Aronovich, I. S.
400 kV ISOLATING SWITCH. CEGB-CET.971.
Order from CEGB as CEGB-CET.971

Trans. of Elektrichestvo (USSR) n1 p36-41 1956.

TT-66-26776 Field 9E

Aronovich, I. S.
ISOLATING-SWITCH DESIGNS FOR 380-400 kV. CEGB-CET.972.
Order from CEGB as CEGB-CET.972

Trans. of Elektrichestvo (USSR) n1 p60-4 1956.

TT-66-26778 Field 9E

Gertsik, A. K.
FITTINGS FOR INSULATOR STRINGS.
CEGB-CET.988.

Order from CEGB as CEGB-CET 988

Trans. of Elektrichestvo (USSR) n3 p69-72 1956.

TT-66-26791 Field 9E, 7D

Fedchenko, I. V.
X-RAY INSPECTION OF INSULATORS. CEGB-CET.1058.
Order from CEGB as CEGB-CET.1058

Trans. of Elektrichestvo (USSR) n8 p78-9 1956.

TT-66-26801 Field 9E

Kaplyanskii, A. E.
QUENCHING D.C. ARC. CEGB-IB.1581.
Order from CEGB as CEGB-IB.1581

Trans. of Elektrichestvo (USSR) n12 p29-32 1956.

TT-66-26814 Field 9E

Sabinin, Yu. A.
ELECT. DRIVE WITH SMOOTH SPEED CONTROL. CEGB-IB.1630.
Order from CEGB as CEGB-IB.1630

Trans. of Elektrichestvo (USSR) n12 p20-3 1957.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26819 Field 9E

Meiners, G.
LAYOUT-CONTROL SYSTEMS. CEGB-IB.1647.
Order from CEGB as CEGB-IB.1647

Trans. of Elektrichestvo (USSR) n4 p213-5 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26825 Field 9E

Livshits, D. S.
OVERLOADS FOR CABLES. CEGB-IB.1678.
Order from CEGB as CEGB-IB.1678

Trans. of Elektrichestvo (USSR) n7 p59-63 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26858 Field 9E

Buachidze, S. R.
D. C. AND A. C. PARALLEL OPERATION. CEGB-CET.1961.
Order from CEGB as CEGB-CET.1961

Trans. of Elektrichestvo (USSR) n9 p14-8 1960.
For another listing of this journal see 'Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26866 Field 9E

Tichy, V.
CABLE PAPER INSULATION. CEGB-IB.1812.
Order from CEGB as CEGB-IB.1812

Trans. of Electrotechnicky Casopis (Czechoslovakia) v11 n1 p19-25 1960.

TT-66-26871 Field 9E

Fajer, M.
CABLE VULCANISATION. CEGB-IB.1670.
Order from CEGB as CEGB-IB.1670

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v45 n7 p349-52 1956.

TT-66-26881 Field 9E

Adamec, V.
IONIZATION IN INSULATION. CEGB-CET.1391.
Order from CEGB as CEGB-CET.1391

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v47 n8 p417-523 1958.

TT-66-26885 Field 9E

Sedlak, J.
POWER LINE CALCULATIONS. CEGB-CET.1440.
Order from CEGB as CEGB-CET.1440

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v47 n12 p637-48 1958.

TT-66-26891 Field 9E

Popolansky, F.
H. V. TRANSMISSION LINE MEASUREMENT. CEGB-IB.1810.
Order from CEGB as CEGB-IB.1810

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v49 n3 p117-24 1960.

TT-66-26897 Field 9E

Kolar, L.
AGING OF INSULATING MATERIAL. CEGB-TP.2891.
Order from CEGB as CEGB-TP.2891

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v49 n7 p360-7 1960.

TT-66-26905 Field 9E

Heller, B.
ADDITIONAL LOSSES ARMATURE. CEGB-IB.1908.
Order from CEGB as CEGB-IB.1908

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v50 n1 p44-50 1961.

TT-66-27029 Field 9E

Katigrob, N. P.
REPLACING HORIZONTAL SHALLOW EARTHING ELECTRODES BY VERTICAL ONES. CEGB-GE.Trans.4184.
Order from CEGB as CEGB-CE.Trans.4184

Trans. of Elektricheskie Stantsii (USSR) v36 n3 p52-4 1965.

TT-66-27129 Field 9E

Laszlo, T.
PUNCTURING AND BURNING OUT CABLES.
CEGB-CET-2114.
Order from CEGB as CEGB-CET-2114

Trans. of Energetica (Rumania) v8 n11 p505-8 1960.

F. Telemetry

TT-66-26808 Field 9F

Larionov, V. P.
LEADER CHANNEL. CEGB-CET.1090.
Order from CEGB as CEGB-CET.1090

Trans. of Elektrichestvo (USSR) n4 p80-1 1957.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26813 Field 9F

Melgunov, M.
TRANSMISSION IN U.S.S.R. CEGB-IB.1628.
Order from CEGB as CEGB-IB.1628

Trans. of Elektrichestvo (USSR) n9 p69-72 1957.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

10 ENERGY CONVERSION (NON-PROPULSIVE)

A. Conversion techniques

TT-66-26747 Field 10A, 9A

Ioffe, A. F.; Airapetyants, S. V.
ON INCREASING THE EFFICIENCY OF SEMICONDUCTOR THERMOCOUPLES. CEGB-IB.1603.
Order from CEGB as CEGB-IB.1603

Trans. of Akademiya Nauk SSSR. Doklady, v106 n6 p981 1956.

TT-66-26799 Field 10A

Shishkov, A. F.
HYDROGEN COOLING CONVERSION. CEGB-CET 1175.
Order from CEGB as CEGB-CET 1175

Trans. of Energetik (USSR) v5 n4 p19-20 1957.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27048 Field 10A, 10B, 9C

Ismailzade, I. G.
NIOBATES AND TANTALATES. CEGB-IB.1702.
Order from CEGB as CEGB-IB.1702

Trans. of Akademiya Nauk SSSR. Izvestiya Seriya Fizicheskaya, v22 n12 p1485-7 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27049 Field 10A, 10B, 9C

Krainik, N. N.
SODIUM NIOBATE SOLUTIONS. CEGB-IB.1701.
Order from CEGB as CEGB-IB.1701

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, v22 n12 p1492-6 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27114 Field 10A

Paszek, W.
VOLTAGE INSTABILITY OF TURBOGENS.
CEGB-MVT-2451.
Order from CEGB as CEGB-MVT-2451

Trans. of Przeglad Elektrotechniczny (Poland) v32 n9 p362-70 1956.

TT-66-27158 Field 10A, 5A

Davydov, N. I.
AUTOMATIC CONTROL OF ONCE-THROUGH BLRS. CEGB-Risley.765.
Order from CEGB as CEGB-Risley.765

Trans. of Teploenergetika (USSR) v6 n7 p5-12 1959.

TT-66-27171 Field 10A, 10B, 5A

Levin, A. V.
OPTIMAL UNIT CAPACITIES. CEGB-X.113.
Order from CEGB as CEGB-X.113

Trans. of Teploenergetika (USSR) v7 n2 p12-7 1960.

TT-66-27175 Field 10A, 10B, 5A

Rabkina, D. I.
POWER STATION AUTOMATION. CEGB-CET.2031.
Order from CEGB as CEGB-CET.2031

Trans. of Teploenergetika (USSR) v7 n6 p7-12 1960.

TT-66-27176 Field 10A, 21E, 5A

Rubin, V. B.
TURBOGENERATOR REGULATION. CEGB-CET.1927.
Order from CEGB as CEGB-CET.1927

Trans. of Teploenergetika (USSR) v7 n6 p27-36 1960.

TT-66-35759 Field 10A

Kriger, E.; Akhonin, S.
USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, POWER MACHINERY, AND ELECTRICAL EQUIPMENT NO. 34. 30 Dec 66, 11p.
JPRS-39337.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35759

Trans. from Izvestiya (USSR) 11 Sep p5 1966 and Sovetskaya Kirgiziya (USSR) 5 Nov p3 1966.

TT-67-30053 Field 10A

USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, POWER MACHINERY, AND ELECTRICAL EQUIPMENT NO. 35. 4 Jan 67, 13p. JPRS-39403.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30053

TT-67-30113 Field 10A

USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, POWER MACHINERY, AND ELECTRICAL EQUIPMENT NO. 36. Operating experience with the Lubrication Systems of the Turbine-Driven Sets 300 Mvt. 9 Jan 67, 8p. JPRS-39463.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30113

Trans. of Energetik (USSR) v14 n3 p36-7 1966.

TT-67-30173 Field 10A

USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, POWER MACHINERY, AND ELECTRICAL EQUIPMENT NO. 37. 13 Jan 67, 11p. JPRS-39523.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30173

TT-67-30201 Field 10A

USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, POWER MACHINERY, AND ELECTRICAL EQUIPMENT NO. 38. 17 Jan 67, 27p. JPRS-39551.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30201

TT-67-60454 Field 10A, 13M

Agalakov, S. S.
THE DAM FOR KRASNOIARSK HYDROPOWERPLANT (Plotina Krasnoyarskoi Gidroelektrostantsii). Tr. by Anne W. Sands. May 66, 61p (foreign text included). BR-D-Trans-603.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60454

Trans. of Gidrotekhnicheskoe Stroitelstvo (USSR) n4 p15-26 1964.

TT-67-60457 Field 10A

Galperin, M. I.
DISTRIBUTORS FOR THE KRASNOIARSK HYDRAULIC TURBINES (Napravlyayushchie Apparaty Gidroturbin dlya Krasnoyarskoi GES). Tr. by Anne W. Sands. May 66, 17p (foreign text included). BR-D-Trans-607.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60457

Trans. of Energomashinostroenie (USSR) v10 n5 p45 1964.

TT-67-60467 Field 10A

Galperin, M. I.
SINGLE SHAFTS OF THE HYDROGENERATING UNITS OF THE KRASNOIARSK HYDROPOWERPLANTS (Edinye Valy Gidroagregatov dlya Krasnoyraskoi GES). Tr. by Anne W. Sands. Jan 66, 12p (foreign text included). BR-D-Trans-608.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60467

Trans. of Energomashinostroenie (USSR) v10 n6 p43, 45 1964.

TT-67-60469 Field 10A

Orakhelashvili, M. M.
THEORY OF A FIXED DISCHARGING PLATE OF A RADIAL-AXIAL TURBINE (Teoriya Razgruzochnogo Diska Radialno-Osevoi Gidroturbiny). Tr. by Anne W. Sands. May 65, 26p (foreign text included) refs. BR-D-Trans-630.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60469

Trans. of Energomashinostroenie (USSR) v10 n5 p13-7 1964.

TT-67-60472 Field 10A

Dobzhniskii, M. S.
ELECTRICAL COMPUTATIONS OF RESISTANCES IN CONDUCTING ELECTROCONCRETE OPERATING UNDER A SYSTEM OF SHORT-TERM LOADS (Elektricheskii Raschet Soprotivlenii iz Provodyashchego Elektrobetona, Rabotayushchikh v Rezhime Kratkovremennykh Nagruzok). Jul 65, 39p (foreign text included). BR-D-Trans-586.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60472

Trans. of Sibirskii Nauchno-Issledovatelskii Institut Energetiki. Trudy (USSR) v2 n21 p92-103 1964.

TT-67-60473 Field 10A, 13H

Rudenko, M. A.; Banduilov, I. E.
BUILT-UP WELDING OF THE WICKET GATES OF A HYDRAULIC TURBINE (Vosstanovlenie Metodom Naplavki Napravlyayushchego Apparata Gidroturbiny). Tr. by June Stevens. Jul 65, 19p (foreign text included). BR-D-Trans-554.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60473

Trans. of Elektricheskie Stantsii (USSR) v35 n1 p38-40 1964.

B. Power sources

TT-66-26744 Field 10B

Kei, Y.
FUEL AND WATER POWER. CEGB-CET.1774.
Order from CEGB as CEGB-CET.1774

Trans. of Denki Koron (Japan) v36 n2 p1-7 1960.

TT-66-27116 Field 10B

Gosztowt, W.
REACTIVE POWER AND ITS COMPENSATION. CEGB-CET.2892.
Order from CEGB as CEGB-CET.2892

Trans. of Przeglad Elektrotechniczny (Poland) v35 n10 p405-10 1959.

11 MATERIALS

B. Ceramics, refractories and glasses

NCH-207 000 Field 11B

Velden, J. H.; Vander.
DRYING INVESTIGATIONS OF THE NETHERLANDS RESEARCH INSTITUTE T. N. O. 1966, 14p. TC-2593.
Order from TC: $14.00 as TC-2593

Trans. of Euro-Ceramic (West Germany) v13 p308-13 1963.

NCH-207 001 Field 11B

Bertoldi, G.
THE RELATIONSHIPS BETWEEN MIXING WATER AND CLAY. 1966, 15p. TC-2592.
Order from TC: $16.00 as TC-2592

Trans. of Euro-Ceramic (West Germany) v13 n8 p260-5 1965.

TT-66-26865 Field 11B

Harman, R.
SEALING CERAMIC MATERIALS TO METALS. CEGB-IB-1777.
Order from CEGB as CEGB-IB-1777

Trans. of Elektrotechnicky Casopis (Czechoslovakia) v10 n5 p271-8 1959.

TT-66-27044 Field 11B

Balygin, I. E.
TI-CONTAINING CERAMIC MATERIAL. CEGB-IB.1668.
Order from CEGB as CEGB-IB.1668

Trans. of Akademiya Nauk SSSR, Izvestiya. Seriya Fizicheskaya, v22 n4 p427-32 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27074 Field 11B

Laslo, R.
NON-ALKALI GLASS. CEGB-CET-2184.
Order from CEGB as CEGB-CET-2184

Trans. of Kemija u Industriji (Yugoslavia) v9 n3 p5-6 1960.

TT-67-60449 Field 11B

Latyshenko, V. A.
RESEARCHES ON CONCRETE AND REINFORCED CONCRETE. 12 Oct 66, 365p (some figs omitted) 225refs. FTD-TT-65-1701; AD-645 638.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 638

Edited trans. Issledvaniya po Betonu i Zhelezobetonu, Sborik Statei (USSR) n7 296p 1963.

C. Coatings, colorants and finishes

TT-66-27062 Field 11C

Takeshi, Okura.
COLOURED SUBSTANCES. CEGB-CET-1713.
Order from CEGB as CEGB-CET-1713

Trans. of Nihon Kagaku Zasshi (Japan) v78 p617-21 1957.

E. Fibers and textiles

NCH-206 151 Field 11E

Janson, A.; Kueppers, W.
THE STABILITY OF RONGALITE. 1966, 20p. IICH-8858.
Order from IICH: $20.00 as IICH-8858

Trans. of Melliand Textilberichte (West Germany) v35 p880-5 1954.

NCH-207 037 Field 11E, 11J

Ebert, U.
A METHOD FOR THE ACCURATE EXAMINATION OF THE COMPRESSION BEHAVIOR OF RAYON AND NYLON PLIED YARNS FOR THE RUBBER PROCESSING INDUSTRY. 1966, 9p. TC-2673.
Order from TC: $9.00 as TC-2673

Trans. of Chemiefasern (West Germany) v16 n3 1966.

NCH-207 055 Field 11E, 11J

Ebert, U.
METHOD FOR EXACT OBSERVATION OF THE COMPRESSION OF RAYON AND NYLON-THREADS FOR THE RUBBER TREATING INDUSTRY. 1966, 12p. TC-2759.
Order from TC: $9.50 as TC-2759

Trans. of Chemiefasern (West Germany) v16 n3 p189-92 1966.

TT-67-60144 Field 11E

Serkov, A. T.
THE PROBLEM OF MODIFIER ACTIVITY IN THE SPINNING OF VISCOSE. 1966, 7p, 12refs. NLL-M-5859.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60144

Trans. of Khimicheskie Volokna (USSR) n4 p38-40 1965.

TT-67-60150 Field 11E, 7A

Smolnikova, L. G.; Konkin, A. A.
THE INTERACTION OF KAPRON FIBRES WITH CYANURIC CHLORIDE. Tr. by I. Gawronska. 1966, 12p, 7refs. NLL-M-5858.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60150

Trans. of Khimicheskie Volokna (USSR) n3 p20-4 1965.

TT-67-60181 Field 11E, 7A

Khurgina, R. A.
COLORIMETRIC DETERMINATION OF THIO-CARBONATES IN VISCOSE. Tr. by I. Gawronska. 1966, 7p, 5refs. NLL-M-5963.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60181

Trans. of Khimicheskie Volokna (USSR) n3 p44-5 1966.

F. Metallurgy and metallography

NCH-206 128 Field 11F

Kaesche, H.
INVESTIGATIONS CONCERNING THE CORROSION OF ALUMINUM. 1966, 25p, 29refs. TC-446.
Order from TC: $29.00 as TC-446

Trans. of Werkstoffe und Korrosion (West Germany) v14 p557-66 1963.

NCH-206 130 Field 11F

Losev, K. I.
TREATMENT OF NICKEL-POOR ORES BY CHLORINATION. 1966, 2p, 1ref. TC-451.
Order from TC: $2.50 as TC-451

Trans. of Tsvetnye Metally (USSR) n2 p60-1 1940.

NCH-206 159 Field 11F

Sauerwald, F.
THE INFLUENCING OF SOLIDIFICATION CRYSTALLIZATION OF MAGNESIUM ALLOYS BY ZIRCONIUM AND SOME PROPERTIES OF CAST MAGNESIUM ALLOYS WITH ZIRCONIUM. 1966, 15p. IICH-8866.
Order from IICH: $15.00 as IICH-8866

Trans. of Zeitschrift fuer Metallkunde (West Germany) v40 p41-6 1949.

NCH-206 595 Field 11F, 20B

Richter, H.; Breitling, G.
THE STRUCTURE OF MONATOMIC LIQUID METALS. Tr. by H. E. Nowottny. Jan 66, 24p, 33refs. AERE-Trans-1051.
Order from HMSO: 4s as AERE-Trans-1051

Trans. of Zeitschrift fuer Naturforschung (West Germany) v20a n8 p1061-75 1965.

NCH-206 725 Field 11F, 13H

Zherdev, I. T.
AN INVESTIGATION OF THE INTERNAL DESIGN OF THE MELTING CHAMBER OF A FERRO-SILICON FURNACE. 10 Nov 66 . BISI-5000.
Order from BISI: $19.60 as BISI-5000

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) n9 p173-81 1960.

NCH-206 726 Field 11F, 13H

Zherdev, I. T.
INTERNAL DESIGN OF THE BATH IN A FURNACE MELTING 45% FERRO-SILICON. 10 Nov 66. BISI-5001.
Order from BISI: $18.20 as BISI-5001

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) n3 p77-87 1962.

NCH-206 731 Field 11F, 13I

Wiegand, H.; Speckhardt, H.
THE INFLUENCE OF MACHINING AND ELECTRO-CHEMICAL TREATMENT ON THE BEHAVIOUR UNDER MECHANICAL AND CHEMICAL STRESSING OF AN AUSTENITIC NICKEL-CHROMIUM STEEL. I: EVALUATION OF LITERATURE AND EXPERIMENTAL DETAILS. II: RESULTS OF ROTATING BEAM TESTS. 1966. BISI-4987.
Order from BISI: $35.00 as BISI-4987

Trans. of Metalloberflaeche (West Germany) v20 p2-10 Jan 1966; p165-72 Apr 1966.

NCH-206 732 Field 11F

Cihal, V.; Zidek, H.
HOT WORKABILITY AND CORROSION RESISTANCE OF 1Cr18Ni12Mo2Ti STEELS. 1966. BISI-5014.
Order from BISI: $18.20 as BISI-5014

Trans. of Hutnicke Listy (Czechoslovakia) v21 n4 p259-65 1966.

NCH-206 733 Field 11F, 13H

Becker, H. J.
THE TECHNOLOGY OF HIGH SPEED STEEL,- I. 1966. BISI-5025.
Order from BISI: $12.60 as BISI-5025

Trans. of TZ fuer Praktische Metallbearbeitung (West Germany) v60 p175-81 1966.

NCH-206 736 Field 11F, 13H

Schrader, H.
EMBRITTLEMENT OF HARDENED STEEL ON TEMPERING BETWEEN 250 - 400°. 1966. BISI-5062.
Order from BISI: $23.80 as BISI-5062

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v21 p21-31 Jan/Feb 1950.

NCH-206 738 Field 11F

Wittmann, A.
ANALYSIS OF NON-METALLIC PRODUCTS BY X-RAY FLUORESCENCE SPECTROMETRY. 1966, BISI-5068.
Order from BISI: $16.80 as BISI-5068

Trans. of Revue de Metallurgie (France) v63 p529-39 1966.

NCH-206 740 Field 11F

Nagano, Y.; Kakimi, N.
CONTROL OF OXYGEN IN THE MOLTEN STEEL IN

OXYGEN STEELMAKING. 1966. BISI-4619.
Order from BISI: $8.40 as BISI-4619

Trans. of Tetsu to Hagane (Japan) v46 p269-70 Mar 1960.

NCH-206 741 Field 11F, 21D

Klammer, H.
CHANGING A STEELWORKS TO THE USE OF NATURAL GAS WITH PARTICULAR CONSIDERATION OF THE OPERATIONAL MEASURES TO BE TAKEN. 1966. BISI-4904.
Order from BISI: $16.80 as BISI-4904

Trans. of Stahl und Eisen (West Germany) v86 p142-9 1966.

NCH-206 742 Field 11F, 13H

Sassu, N.
THE EFFECT OF A HEAT-TREATMENT AT HIGH TEMPERATURES (HTHT) ON THE MECHANICAL PROPERTIES, MICROSTRUCTURE AND FINE CRYSTALLINE STRUCTURE OF SILICON STEELS. 1966. BISI-4936.
Order from BISI: $21.00 as BISI-4936

Trans. of Academia Republicii Populare Romine. Centrul de Cercetari Metalurgice. Studii si Cercetari de Metalurgie (Rumania) v9 n2 p161-77 1964.

NCH-206 743 Field 11F

Gengnagel, H.; Schwab, W.
LIGHT FIGURES, THEIR ORIGIN AND APPLICATION FOR DETERMINING THE ORIENTATION OF CRYSTALS. 1966. BISI-4941.
Order from BISI: $12.60 as BISI-4941

Trans. of Zeitschrift fuer Metallkunde (West Germany) v57 p281-7 1966.

NCH-206 747 Field 11F

Schoeberl, A.
CONTRIBUTION ON THE POLISHABILITY OF STAINLESS STEELS. 1966. BISI-5057.
Order from BISI: $22.40 as BISI-5057

Trans. of Radex-Rundschau (Austria) p170-83 Jun 1966.

NCH-206 749 Field 11F

Zimmer, K. O.
EXPERIENCE WITH CLASSIFIED POWDERED LIME IN THE BASIC OPEN HEARTH PROCESS. 1966. BISI-5098.
Order from BISI: $11.20 as BISI-5098

Trans. of Stahl und Eisen (West Germany) v86 p887-91 1966.

NCH-206 754 Field 11F, 14B

Lounanaa, N.; Fugmann, W.
CALIBRATION AND EVALUATION IN X-RAY FLUORESCENCE ANALYSIS OF ALLOYED STEELS. 1 Dec 66. BISI-5069.
Order from BISI: $12.60 as BISI-5069

Trans. of Jernkontoret, Stockholm. Annaler (Sweden) v150 n2 p99-110 1966.

NCH-206 764 Field 11F, 13H

Esser, F.
TEMPERATURE MEASUREMENT WITH OPTICAL PYROMETERS IN THE TEMPERATURE RANGE FROM 700 TO 1200°C WITH SPECIAL REFERENCE TO THE EMISSIVITY OF STEEL SURFACES. 22 Dec 66. BISI-5063.
Order from BISI: $8.40 as BISI-5063

Trans. of Neue Huette (East Germany) v10 p302-5 May 1965.

NCH-206 773 Field 11F

Nacken, M.; Kuhlmann, U.
INFLUENCE OF THE MANGANESE CONTENT ON THE PRECIPITATION BEHAVIOUR OF NITROGEN-CONTAINING FERROUS ALLOYS. 1966. BISI-5039.
Order from BISI: $21.00 as BISI-5039

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v37 p331-9 Apr 1966.

NCH-206 782 Field 11F

Koutski, J.
INFLUENCE OF NIOBIUM, TITANIUM AND BORON ON THE HIGH TEMPERATURE PROPERTIES OF A Cr12W2V STEEL. 1966. BISI-5198.
Order from BISI: $12.60 as BISI-5198

Trans. of Neue Huette (East Germany) v11 p367-72 Jun 1966.

NCH-206 836 Field 11F

Dvinin, Yu. I.; Shcherbakov, V. A.
INDUSTRIAL EXPERIMENTS ON LITHIUM HYDROXIDE ADDITION TO ALUMINUM REDUCTION CELL ELECTROLYTE CONTAINING SODIUM CHLORIDE AND MAGNESIUM FLUORIDE. 3 Jan 67, 6p. ATS-95T96R.
Order from ATS: $8.50 as ATS-95T96R

Trans. of Tsvetnye Metally (USSR) v39 n8 p58-62 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

NCH-206 918 Field 11F

Randak, A.; Kurzeja, J.
NEW DEVELOPMENTS AND FINDINGS IN THE FIELD OF HIGH-SPEED STEELS,- II. 1966. BISI-4954.
Order from BISI: $14.00 as BISI-4954

Trans. of Zeitschrift fuer Wirtschaftliche Fertigung (West Germany) p205-10 May 1965.

TT-66-26671 Field 11F

Gindin, L. M.; Bobikov, P. I.; Kouba, E. F.
EXTRACTION OF PLATINUM METALS WITH AMINES. 16p. CSIR-tr.-580.
Order from CSIR as CSIR-tr.-580

Trans. of Akademiya Nauk SSSR, Sibirskoe Otdelenie, Izvestiya, n10 p84-91 1961.

TT-66-26728 Field 11F

Czerski, L.
OXIDATION OF METALS AND ALLOYS.
CEGB-CET.3299.
Order from CEGB as CEGB-CET.3299

Trans. of Archiwum Hutnictwa (Poland) v3 n1 p37-48 1958.

TT-66-26764 Field 11F

Vainshtein, E. E.; Bril, M. N.; Kopelev, Yu. F.
THE FINE STRUCTURE OF THE K SPECTRA IN ABSORPTION FOR TITANIUM IN THE $BaO-TiO_2$ SYSTEM, AND ITS RELATION TO THE POLARIZATION OF ATOMS IN FERROELECTRIC CRYSTALS.
CEGB-IB.1763.
Order from CEGB as CEGB-IB.1763

Trans. of Akademiya Nauk SSSR. Doklady, v126 n4 p744-7 1959.

TT-66-27019 Field 11F

Drapal, S.
STRUCTURAL CHANGES OF 13% CHROME STEELS.
CEGB-CET-2307.
Order from CEGB as CEGB-CET-2307

Trans. of Hutnicke Listy (Czechoslovakia) v15 n12 p961-71 1960.

TT-66-27033 Field 11F

Portnoi, K. I.
ALLOYING BORIDES. CEGB-X.43.
Order from CEGB as CEGB-X.43

Trans. of Akademiya Nauk SSSR, Otdelenie Tekhnicheskikh Nauk. Izvestiya, n7 p140-1 1958.

TT-66-27059 Field 11F

Wada, G.
CORROSION REACTIONS OF Mg. CEGB-CET-2232.
Order from CEGB as CEGB-CET-2232

Trans. of Nihon Kagaku Zasshi (Japan) v77 p391-5 1956.

TT-66-27060 Field 11F

Wada, G.
CORROSION REACTIONS OF Mg. CEGB-CET-2233.
Order from CEGB as CEGB-CET-2233

Trans. of Nihon Kagaku Zasshi (Japan) v77 p762-6 1956.

TT-66-27064 Field 11F

Kato, Jiro.
CORROSION OF MILD STEEL. CEGB-CET-3038.
Order from CEGB as CEGB-CET-3038

Trans. of Kogyo Kagaku Zasshi (Japan) v63 n9 p1576-9 1960.

TT-66-27066 Field 11F

Yamanoto, S.
CORROSIVE NATURE OF FLUE GAS. CEGB-CET-2161.
Order from CEGB as CEGB-CET-2161

Trans. of Nenryo Kyokai-Shi (Japan) v39 n394 p105-17 1960.

TT-66-27071 Field 11F

Akita, Y.
CONSIDERATION AT THE DESIGN STAGE OF BRITTLE FRACTURES IN WELDED STRUCTURES.
CEGB-Trg.Inf.Ser.88(R).
Order from CEGB as CEGB-Trg.Inf.Ser.88(R)

Trans. of Nihon Kikai Gakkai-Shi (Japan) v63 p1632-40 1960.

TT-66-27083 Field 11F

Bagaryatskii, V. A.; Tyarkin, Yu. D.
SUPER-SATURATED SOLID SOLUTIONS OF Ti IN Ni AND NiCr. CEGB-CET-2086.
Order from CEGB as CEGB-CET-2086

Trans. of Kristallografiya (USSR) v5 n6 p882-90 1960. For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27085 Field 11F

Parfenov, V. A.
STRENGTH OF ALLOYS AT H. T. CEGB-CET.2790
Order from CEGB AS CEGB-CET.2790.

Trans. of Metallovedenie i Termicheskaya Obrabotka Metallov (USSR) n6 p17-23 1957.

TT-66-27088 Field 11F, 13A, 13K

Gelman, A. S.
BOILER-TUBE STEEL.
CEGB-Infosearch-MOM-58/3.4.
Order from CEGB as CEGB-Infosearch MOM-58/3.4

Trans. of Metallovedenie i Termicheskaya Obrabotka Metallov (USSR) n3 p16-24 1958.

TT-66-27089 Field 11F

Solonouts, M. I.
STEEL CREEP. CEGB-Infosearch-MOM-58/3.6.
Order from CEGB as CEGB-Infosearch-MOM-58/3.6

Trans. of Metallovedenie i Termicheskaya Obrabotka Metallov (USSR) n3 p30-4 1958.

TT-66-27090 Field 11F

RECRYSTALLIZATION. CEGB-CET.1742.
Order from CEGB as CEGB-CET.1742

Trans. of Metallovedenie i Termicheskaya Obrabotka Metallov (USSR) n4 p52-60 1958.

TT-66-27092 Field 11F

Bogachev, I. N.
CAVITATIONAL EROSION RESISTANCE OF STEEL. CEGB-CET.3159.
Order from CEGB as CEGB-CET.3159

Trans. of Nauchnye Doklady Vysshei Shkoly. Metallurgiya (USSR) n3 p215-9 1958.

TT-66-27131 Field 11F, 13I

Lobl, K.; Cermy, F.
EROSION OF VALVE SEAT MATERIALS AND TURBINE BLADE SHIELDS. CEGB-CET.2541.
Order from CEGB as CEGB-CET.2541

Trans. of Strojirenstvi (Czechoslovakia) v6 n10 p689-93 1956.

TT-66-27146 Field 11F

Yoshimoto, G.; Tsukizoe, T.; Kikuchi, S.
THE INFLUENCE OF SURFACE ROUGHNESS ON THE MECHANISM OF CONTACT BETWEEN METAL SURFACES. CEGB-CE.Trans.4279.
Order from CEGB as CEGB-CE.Trans.4279

Trans. of Nihon Kikai Gakkai Rombunshu (Japan) v21 p811-6 1955.

TT-66-27152 Field 11F

Akolzin, P. A.; Zaitseva, Z. I.
OCTADECYLAMINE PROTECTION. CEGB-CET.1432.
Order from CEGB as CEGB-CET.1432

Trans. of Teploenergetika (USSR) v5 n10 p54-5 1958.

TT-66-27169 Field 11F

Kagan, D. Ya.
CORROSION PREVENTION STAND-BY PLANT. CEGB-ESB.315.
Order from CEGB as CEGB-ESB.315

Trans. of Teploenergetika (USSR) v7 n1 p55-8 1960.

TT-66-27174 Field 11F, 10A, 10B

Laguntsov, I. N.; Ginzburg, E. S.
METALS FOR H.R. POWER PLANTS. CEGB-CET.1909.
Order from CEGB as CEGB-CET.1909

Trans. of Teploenergetika (USSR) v7 n5 p3-12 1960.

TT-67-60488 Field 11F

STRUCTURAL STRENGTH OF LIGHT ALLOYS AND STEELS: COLLECTION OF ARTICLES (Konstruktsionnaya Prochnost Legkikh Splavov i Stalei). 13 May 66, 149p. FTD-MT-65-92; AD-645 791.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 791

Edited machine trans. of Aviatsionnyi Tekhnologicheskii Institut, Moscow. Trudy (USSR) v61 168p 1964.

TT-67-60506 Field 11F, 14B

ACADEMY OF SCIENCES OF THE BELORUSSIAN SSR. PHYSICAL AND TECHNOLOGICAL INSTITUTE. COLLECTION OF SCIENTIFIC PAPERS, VOL. 11, 1964: SELECTED ARTICLES. 2 Sep 66, 16p, refs. FTD-TT-65-1408; AD-645 836.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 836

Unedited rough draft trans. of Akademiya Navuk BSSR, Minsk. Fizika-Tekhnichny Instytut. Sbornik Nauchnykh Trudov, v11 p124-33 1964.

TT-67-60512 Field 11F, 13H

CLUG POLYTECHNIC INSTITUTE. SCIENTIFIC BULLETIN, NO. 7, 1964: SELECTED ARTICLES. 20 Sep 66, 37p, refs. FTD-TT-65-835; AD-645 855.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 855

Edited trans. of Institutul Politehnic, Cluj. Buletinul Stiintific (Rumania) n7 p169-80, 213-21, 231-6 1964.

G. Miscellaneous materials

NCH-206 891 Field 11G

Tischer, Z.
EVALUATING MAGNETIC MATERIALS FOR HYSTERESIS MOTORS. 1966, 6p. ATS-74T96C.
Order from ATS: $10.00 as ATS74T96C

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v55 n7 p360-3 1966.

H. Oils, lubricants, and hydraulic fluids

TT-67-60182 Field 11H, 7A

Shimonaev, G. S.; Zakharov, G. V.
RADIO-SPECTROMETRIC METHOD OF CONTROL OF THE QUALITY OF LUBOIL ADDITIVES.
Tr. by Lionel Mote. 1966, 10p, 7refs.
TRC-Trans-1128.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60182

Trans. of Khimiya i Tekhnology Topliv i Masel (USSR) v11 n7 p159 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

I. Plastics

NCH-206 165 Field 11I, 11J

Sobiczewski, Z.
MEASUREMENTS OF CROSS SECTION OF CELLS IN FOAMED MATERIALS. 1966, 6p. IICH-8876.
Order from IICH: $6.00 as IICH-8876

Trans. of Plaste und Kautschuk (East Germany) v10 p735-6 1963.

TT-66-26828 Field 11I, 11C

Zabyrina, K. I.
VARNISH POLYMERS. CEGB-IB.1682.
Order from CEGB as CEGB-IB.1682

Trans. of Elektrichestvo (USSR) n8 p28-37 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26850 Field 11I

Vorobev, N. I.
POLYMERS. CEGB-CET.2149.
Order from CEGB as CEGB-CET.2149

Trans. of Elektrichestvo (USSR) n3 p75-6 1960.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60355 Field 11I

Golubev, V. M.; Vasilev, B. V.; Bilimova, E. S.; Sokolova, L. N.
EXAMINATION OF INSOLUBLE PARTICLES IN CELLULOSE ACETATE MADE OF COTTON LINTERS.
Tr. by I. Gawronska. 1966, 10p, 13refs.
NLL-M.5964.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60355

Trans. of Khimicheskie Volokna (USSR) n4 p41-4 1966.

TT-67-60676 Field 11I, 11B, 11D

Tarnopolskii, Yu. M.; Skudra, A. M.
CONSTRUCTION STRENGTH AND DEFORMATION PROPERTIES OF FIBER GLASS REINFORCED PLASTICS.
Dec 66, 327p, 134refs. AERDL-T-1875-66; AD-645 948.
Order from CFSTI: MF$0.65 as AD-645 948

Trans. of mono. Konstruktsionnaya Prochnost i Deformativnost Stekloplastikov, Riga, 1966.

L. Wood and paper products

NCH-206 152 Field 11L, 11E

Ivanov, S. N.; Gorskii, G. M.
THERMOPLASTIC POLYVINYL ALCOHOL FIBRES FOR SYNTHETIC-FIBRE PAPER (Termoplasticheskie Polivinispirtovye Volokna dlya Bumagi iz Sinteticheskikh Materialov). Sep 66, 8p. RTS-3345.
Order from NLL: 7s 6d as RTS-3345

Trans. of Bumazhnaya Promyshlennost (USSR) v39 n11 p3-5 1964.

NCH-206 153 Field 11L

Klauditz, W.; Stolley, I.
THE DEVELOPMENT AND PRODUCTION OF WOOD CHIPBOARDS THAT ARE RESISTANT TO FUNGI AND TERMITES. 1966, 17p.
IICH-8860.
Order from IICH: $17.00 as IICH-8860

Trans. of Holz als Roh- und Werkstoff (West Germany) v12 p185-9 1954.

12 MATHEMATICAL SCIENCES

A. Mathematics and statistics

TT-66-35753 Field 12A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 79. 29 Dec 66, 34p. JPRS-39331.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35753

Abstract trans. of Shu Hsueh Tung Pao (Chinese People's Republic) n3 p2-51; n4 p2-52; n5 p2-51; n6 p2-52 1964.

TT-67-30040 Field 12A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 82. 4 Jan 67, 13p. JPRS-39389.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30040

Abstract trans. of Shu Hsueh Tung Pao (Chinese People's Republic) n10 p2-51 1963.

TT-67-30120 Field 12A, 20-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 83. 10 Jan 67, 51p. JPRS-39470.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30120

Abstract trans. of Shu Hsueh T'ung Pao (Chinese People's Republic) n2 p2-52p; n5 p2-51p n11 p2-52 1963 and of Wu Li T'ung Pao (Chinese People's Republic) n5 p193-240 1960; n2 p57-112 1963.

TT-67-60450 Field 12A

Liberman, L. Kh.
SOME PROBLEMS IN THE THEORY OF APPROXIMATING SOLUTIONS OF DIFFERENTIAL-OPERATOR EQUATIONS IN HILBERT SPACE.
Tr. by L. J. Holtschlag. 28 Nov 66, 12p, 11refs.
TG-230-T508; AD-645 720.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 720

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Matematika (USSR) n3(40) p88-92 1964.

TT-67-60477 Field 12A

Skorokhod, A. V.
RANDOM PROCESSES WITH INDEPENDENT INCREMENTS. 24 Aug 66, 257p, 81refs.
FTD-TT-66-73; AD-645 769.

Order from CFSTI: HC$3.00, MF$0.65
as AD-645 769

Unedited rough draft trans. of Teoriya Veroyatnostei i Matematicheskaya Statistika, Moscow, 1964 278p.

TT-67-60486 Field 12A, 20K

MOSCOW UNIV. HERALD. SERIES I. MATHEMATICS AND MECHANICS, NO. 1, 1964: COLLECTION OF ARTICLES. 18 Aug 66, 111p, refs. FTD-MT-64-557; AD-645 789.
Order from CFSTI: HC$3.00, MF$0.65
as AD-645 789

Edited machine trans. of Moscow Univ. Vestnik. Seriya 1: Matematika, Mekhanika (USSR) v19 n1 80p 1964.

TT-67-60495 Field 12A

Shafer, G.
APPROXIMATE SOLUTION OF A BASIC BIHARMONIC PROBLEM. 27 Jun 66, 14p, 4refs. FTD-TT-65-2004; AD-645 820.
Order from CFSTI: HC$3.00, MF$0.65
as AD-645 820

Unedited rough draft trans. of Akademiya Nauk Gruzinskoi SSR, Tiflis. Soobshcheniya, v37 n3 p527-34 1965.

B. Operations research

TT-67-30076 Field 12B

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY NO. 9. 5 Jan 67, 7p. JPRS-39426.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30076

Abstract trans. of Yun Ch'ou Hsueh Lun Wen Chi (Chinese People's Republic) Jul 136p 1964.

TT-67-30125 Field 12B, 9D

Korenblyum, B. I.; Plotnikov, V. I.
RECENT WORK ON PROBLEMS OF OPTIMAL SPEED AND OPTIMAL CONTROL. 10 Jan 67, 15p, 7refs. JPRS-39475.
Order from CFSTI: HC$3.00, MF$0.65
as TT-67-30125

Trans. of Akademiya Nauk SSSR. Doklady, v170 n2 p286-93 1966.

TT-67-60489 Field 12B

Uderman, E. G.
METHOD OF ROOT HODOGRAPH IN THEORY OF AUTOMATIC CONTROL (Metod Kornevogo Godografa v Teorii Avtomaticheskogo Upravleniya). 26 Jul 66, 115p, refs. FTD-MT-65-513; AD-645 792.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 792

Edited machine trans. of Biblioteka po Avtomatike (USSR) v88 112p 1963.

13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING

A. Air conditioning, heating, lighting and ventilating

NCH-206 544 Field 13A

Lisienko, V. G.; Kokarev, N. I.; Kitaev, B. I.
ADJUSTABLE HIGH-PRESSURE OIL BURNER AND SOME RESULTS OF ITS TRIAL ON AN OPEN HEARTH FURNACE. Jun 66, 17p, 4refs. RTA-3353.
Order from NLL: 15s as RTS-3353

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v7 n12 p127-34 1964.

NCH-206 563 Field 13A

Budnikov, V. I.; Sergievskii, A. V.
STABILITY OF SYSTEMS OF PARALLEL STEAM GENERATING TUBES (Ob Ustoichivosti Sistemy Parallelnykh Kipyashchikh Kanalov). May 66, 10p, 7refs. RTS-3124.
Order from NLL: 17s 6d as RTS-3124

Trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) v8 n3 p300-6 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

NCH-206 781 Field 13A, 11F

Pentek, I.
THERMAL DESIGN AND CONSTRUCTIONAL PROBLEMS IN CONNECTION WITH HIGH TEMPERATURE COWPERS. 1966.
BISI-5193.
Order from BISI: $14.00 as BISI-5193

Trans. of Neue Huette (East Germany) v11 p472-9 Aug 1966.

TT-66-26724 Field 13A

Vamos, T.
FUNCTIONS OF STEAM. CEGB-CET-2188.
Order from CEGB as CEGB-CET-2188

Trans. of Acta Technica (Hungary) v27 n3/4 p351-70 1959.

TT-66-27058 Field 13A

Tobilevich, N. I.
BOILING IN VERTICAL PIPES. CEGB-TIL-5306.
Order from CEGB as CEGB-TIL-5306

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Aviatsionnaya Tekhnika (USSR) v3 n2 p72-8 1958.

TT-66-27133 Field 13A, 7B

Babkin, R. L.
NITRATES IN BOILER WATER. CEGB-CET 1054.
Order from CEGB as CEGB-CET 1054

Trans. of Energetik (USSR) v4 n8 p13-4 1956.

B. Civil engineering

NCH-206 039 Field 13B, 13L

Kuznetsova, A. E.
THE SUPPLY OF WATER FOR FIRE FIGHTING, PT. 1, CHAPTERS 1-6. Tr. by T. B. Snape. 1966, 230p.
Order from NLL: L1 16s

Trans. of mono. Protivopozharnoe Vodosnabzhenie (pt. 1) n.p., n.d.

NCH-206 040 Field 13B, 13L

Kuznetsova, A. E.
THE SUPPLY OF WATER FOR FIRE FIGHTING, PT. II, CHAPTERS 7-14. Tr. by T. B. Snape. 1966, 185p, refs.
Order from NLL: L1 16s

Trans. of mono. Protivopozharnoe Vodosnabzhenie (pt. 2) n.p., n.d.

TT-66-27107 Field 13B

Ryaznov, V. A.
ATMOSPHERIC POLLUTION. CEGB-CET.1210.
Order from CEGB as CEGB-CET.1210

Trans. of mono. Predelno Dopustimye Kontsentratsii Atmosfernykh Zagrayaznenii, v3, Moscow, 1957.

C. Construction equipment, materials and supplies

NCH-206 136 Field 13C

Kallaunder, O.; Stopka, V.
INFORMATION ABOUT THE PROPERTIES OF SOREL CEMENTS. 1966, 14p. IICH-8843.
Order from IICH: $14.00 as IICH-8843

Trans. of Silikat Technik (East Germany) v5 p433-6 1954.

NCH-206 545 Field 13C, 14B

Rakhimkulov, R. Sh.; Solovev, E. M.
USE OF ROTARY INSTRUMENTS FOR RHEOLOGICAL INVESTIGATIONS OF CEMENT MORTARS (Ispolzovanie Rotatsionnykh Priborov Dlya Reologicheskikh Issledovanii Tsementnykh Rastvorov). Jul 66, 6p. RTS-3412.
Order from NLL: 10s as RTS-3412

Trans. of Moskovskii Institut Neftekhimicheskoi i Gazovoi Promyshlennosti. Trudy (USSR) v53 p115-8 1965.

TT-66-26636 Field 13C, 11F

Moskvin, V. M.; Alekseev, S. N.; Novogorodskii, V. I.
THE PASSIVATION AND DEPASSIVATION OF STEEL REINFORCEMENT IN CONCRETE. Tr. by H. Stenfelt. 15 Sep 66, 8p, 14refs.
Order from ETC: $1.10 as TT-66-26636

Trans. of Zashchita Metallov (USSR) v1 n5 p559-64 1965. For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26689 Field 13C

Tkachev, V. V.; Oganesov, V. N.
CHOICE OF CONSTRUCTIONAL PARAMETERS FOR SORTING TUBE-MILL LINERS. 6p, 6refs.
Order from Pargas

Trans. of Tsement (USSR) v32 n3 p4-6 1966.

TT-66-26690 Field 13C

Khangildin, G. N.
UTILIZING THE DUST FROM ROTARY KILN EXHAUST GASES. 3p.
Order from Pargas

Trans. of Tsement (USSR) v32 n3 p7-8 1966.

TT-66-26691 Field 13C, 13H

Sharov, K. N.; Petrosyan, L. A.
PRODUCTION OF BRAND 700 CEMENT. 3p.
Order from Pargas

Trans. of Tsement (USSR) v32 n3 p20-1 1966.

TT-66-26693 Field 13C

Popov, I. V.; Gimborg, E. M.
A RATIONAL METHOD OF RETURNING DUST TO THE KILN. 3p.
Order from Pargas

Trans. of Tsement (USSR) v32 n3 p18-9 1966.

TT-66-26694 Field 13C

EVERY EFFORT TO BE MADE TO FULFIL THE HISTORICAL DECISIONS OF THE 23rd PARTY CONGRESS (DECISIONS REGARDING RUSSIAN CEMENT INDUSTRY). 7p.
Order from Pargas

Trans. of Tsement (USSR) v32 n3 p1-3 1966.

TT-66-26696 Field 13C

Pukspii, T. R.
DIAGRAM FOR CURRENT STABILISATION IN ELECTROSTATIC PRECIPITATOR OF LURGI TYPE. 2p.
Order from Pargas.

Trans. of Tsement (USSR) v31 n6 p21-2 1965.

TT-66-27091 Field 13C

Brzakovic, P.
FLY ASH IN BUILDING. CEGB-CET.1843.
Order from CEGB as CEGB-CET.1843

Trans. of Nase Gradevinarstvo (Yugoslavia) v8 n7 p149-55 1959.

TT-66-27122 Field 13C

Jimi, G.
HYDRATION OF BLENDED CEMENT. CEGB-CET.1794.
Order from CEGB as CEGB-CET.1794

Trans. of Semento Gijutsu Nenpo (Japan) v12 p193-8 1958.

TT-66-27123 Field 13C

Nishdbayashi, S.
SHRINKAGE OF HEAVY CONCRETE AT HIT. CEGB-CET.1795.
Order from CEGB as CEGB-CET.1795

Trans. of Semento Gijutsu Nenpo (Japan) v12 p367-73 1958.

TT-66-27125 Field 13C

Stork, J.
HARDENED CEMENT PASTE. CEGB-CET.1767.
Order from CEGB as CEGB-CET.1767

Trans. of Silikaty (Czechoslovakia) v3 n4 p321-5 1959.

TT-66-35685 Field 13C

Vislitski, A.; Boginov, L. G.; Kondrashov, N. A.; Zelentseva, L. I.; Rasskazova, I. D.
USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY AND BUILDING MATERIALS NO. 47. 27 Dec 66, 26p (some figs omitted). JPRS-39263.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35685

Trans. of Stroitelnye i Dorozhnye Mashiny (USSR) n9 p15-7, 23-8 1966.

TT-66-35748 Field 13C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 48. 29 Dec 66, 56p. JPRS-39326.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35748

TT-67-30010 Field 13C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 49. 3 Jan 67, 59p. JPRS-39359.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30010

TT-67-30029 Field 13C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 50. 3 Jan 67, 32p. JPRS-39378.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30029

TT-67-30047 Field 13C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 51. 4 Jan 67, 33p. JPRS-39396.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30047

TT-67-30070 Field 13C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 52. 5 Jan 67, 23p. JPRS-39420.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30070

TT-67-30143 Field 13C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 12. 11 Jan 67, 17p. JPRS-39493.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30143

Abstract trans. of Chien Chu Ts'ai Liao Kung Yeh (Chinese People's Republic) n2 53p 1965.

TT-67-30180 Field 13C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 54. 16 Jan 67, 98p. JPRS-39530.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30180

TT-67-60389 Field 13C, 13M

Spivak, N. Ya.
THE EFFECT OF THE STRUCTURE OF POROUS CLAY FILLED CONCRETE ON ITS PROPERTIES IN WALL PANELS. Tr. by R. J. Zatorski. 1966, 8p. CSIRO-Trans-7982.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60389

Trans. of Beton i Zhelezobeton (USSR) n11 p15-9 1965.

TT-67-60451 Field 13C

IN SEROV: LABOR-SAVING DEVICES FOR PRODUCTION OF CONCRETE PRODUCTS (V Serove). Tr. by Lola Hawkinberry. Sep 65, 7p (foreign text included). BR-D-Trans-609.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60451

Trans. of Stroitel (USSR) v10 n11 p18 1964.

TT-67-60452 Field 13C

IN CRIMEA: CONCRETE-SPRAY METHOD (B Krymu). Tr. by Lola Hawkinberry. Jun 65, 9p (foreign text included). BR-D-Trans-557.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60452

Trans. of Stroitel (USSR) v10 n11 p18 1964.

TT-67-60458 Field 13C, 7A

Moskvin, V. M.; Royak, G. S.
INTERACTION OF CEMENT ALKALIES WITH AGGREGATES IN CONCRETE (K Voprosu Vzaimodeist-

viya Shchelochei Tsementa s Zapolnitelem v Betone). Tr. by Charlotte Bechtold. Jun 66, 45p (foreign text included) refs. BR-D-Trans-526.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60458

Trans. of Akademiya Stroitelstva i Arkhitektury SSSR, Institut Betona i Zhelezobetona, Perovo. Trudy, n9 p96-111 1959.

TT-67-60465 Field 13C

Silchenko, L.; Mikhailov, N.
PRELIMINARY CURING OF CONCRETE BEFORE STEAM-CURING (Vyderzhivanie Betona Pered Proparivaniem). Tr. by Lola Hawkinberry. May 65, 20p (foreign text included). BR-D-Trans-556.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60465

Trans. of Stroitel (USSR) v10 n11 p12 1964.

E. Couplings, fittings, fasteners and joints

NCH-206 853 Field 13E, 13K

Kamyshev, M. A.; Farzaliev, F. M.
AN INVESTIGATION OF LOAD-CARRYING CAPACITY OF BUTT-WELDED JOINTS IN MARINE UNDERWATER PIPLINES. 3 Jan 67, 9p. ATS-78T96R.
Order from ATS: $11.75 as ATS-78T96R

Trans. of Stroitelstvo Truboprovodov (USSR) v11 n4 p18-23 1966.

F. Ground transportation equipment

NCH-206 606 Field 13F

Bode, G.
FORCES AND DISPLACEMENTS IN THE CONTACT SURFACE PLANES OF ROTATING TYRES OF LORRIES (Kraefte und Bewegungen in der Bodenberuehrungsflaeche Rollender Reifen von Lastkraftwagen). Tr. by Barbara Crossland. Feb 66, 85p, refs. RAE-Lib-Trans-1149.
Order from NLL

Trans. of Deutsche Kraftfahrtforschung und Strassenverkehrstechnik (West Germany) n146 p1-38 1961.

TT-66-35718 Field 13F, 2C

Kononenko, A.; Melamed, M.; Duraev, A.
USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 35. 28 Dec 66, 31p. JPRS-39296.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35718

Trans. of Tekhnika v Selskom Khozyaistve (USSR) v26 n10 p1-6, 52-5, 86-7, 92-3 1966.

TT-66-35722 Field 13F, 2C

Tsukerman, A. E.; Korenchuk, M. I.; Krugov, B.
USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 36. 28 Dec 66, 19p. JPRS-39300.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35722

Trans. of Mashinostroitel (USSR) n7 p37-40 1966 and from Selskaya Zhizn (USSR) 7 Nov p3 1966.

TT-66-35732 Field 13F, 2C

USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 37. 28 Dec 66, 27p. JPRS-39310.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35732

TT-66-35746 Field 13F, 13J, 1C

USSR TRANSPORTATION: TRANSLATIONS NO. 163. 29 Dec 66, 33p. JPRS-39324.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35746

TT-66-35758 Field 13F, 2C

USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 38. 30 Dec 66, 23p. JPRS-39336.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35758

TT-67-30022 Field 13F, 13J

USSR TRANSPORTATION: TRANSLATIONS NO. 164. 3 Jan 67, 23p. JPRS-39371.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30022

TT-67-30027 Field 13F, 2C

USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 39. 3 Jan 67, 13p. JPRS-39376.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30027

TT-67-30140 Field 13F

Gusev, Yu.; Brunko, V.
USSR TRANSPORTATION: TRANSLATIONS NO. 166. Planning of Auxiliary Production at the Novocherkassk Electric Locomotive Plant. 11 Jan 67, 24p. JPRS-39490.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30140

Trans. from Ekonomicheskaya Gazeta (USSR) n46 p17-20 1966.

TT-67-30158 Field 13F, 1C

USSR TRANSPORTATION: TRANSLATIONS NO. 167. 12 Jan 67, 17p. JPRS-39508.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30158

TT-67-30186 Field 13F, 13J

USSR TRANSPORTATION: TRANSLATIONS NO. 168. 16 Jan 67, 32p. JPRS-39536.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30186

TT-67-60520 Field 13F, 13J

Pronina, G.
BY AEROSLED, WINTER AND SUMMER (Na Aerosanyakh Simoi i Letom). Jan 67, 8p.
AERDL-T-1885-67; AD-645 949.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 949

Trans. of Aviatsiya i Kosmonavtika (USSR) n4 p53-4 1966.

G. Hydraulic and pneumatic equipment

TT-66-27073 Field 13G

Iinoya, K.
PNEUMATIC CONVEYOR. CEGB-CET-2178.
Order from CEGB as CEGB-CET-2178

Trans. of Kagaku Kogaku (Japan) v24 p757-62 1960.

TT-66-27148 Field 13G, 13I

Veller, V. N.
PISTONS IN HYDR. CONTROL SYSTEMS.
CEGB-ED.9/58.
Order from CEGB as CEGB-ED.9/58

Trans. of Teploenergetika (USSR) v5 n2 p36-43 1958.

TT-67-60461 Field 13G

Aravin, V. I.; Streltsova, T. D.
MODELING HORIZONTAL DRAINS AND VERTICAL IMPERMEABLE BARRIERS FOR AN EXPERIMENTAL STUDY OF CONTROLLED SEEPAGE (Modelirovanie Gorizontalnykh Dren i Vertikalnykh Protivofiltratsionnykh Pregrad pri Eksperimentalnom Izuchenii Planovoi Filtratsii). Tr. by Phillip F. Enger. Oct 65, 35p (foreign text included) refs.
BR-D-Trans-537.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60461

Trans. of Vsesoyuznyi Nauchno-Issledovatelskii Institut Gidrotekhniki. Izvestiya (USSR) v69 p133-41 1962.

TT-67-60470 Field 13G

Sasorov, M. P.
THE VELOCITY FACTOR IN THE CHEZY FORMULA (O Skorostnom Mnozhitele v Formule Shezi). Tr. by Paul J. Tilp. Aug 65, 19p (foreign text included) refs. BR-D-Trans-563.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60470

Trans. of Gidroteknicheskoe Stroitelstvo (USSR) n5 p49-51 1963.

TT-67-60517 Field 13G

Kolar, J.
AXIAL PISTON HYDRAULIC MOTORS OF THE JHMA TYPE (Axilni Pistove Hydromotory JHMA). 10 Jan 67, 15p, 2refs. AERDL-T-1882-66; AD-645 945.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 945

Trans. of Strojirenstvi (Czechoslovakia) v15 n11 p869-71 1965.

H. Industrial processes

NCH-205 725 Field 13H, 11F

Kawawa, T.
THE RATE OF DEOXIDATION (OF STEEL) BY ALUMINUM. Pt. 3 of Kinetic Researches into the Deoxidation of Steel. Jun-Jul 66, 2500wds.
HB-6765.
Order from HB: $9.50 as HB-6765

Trans. of Tetsu to Hagane (Japan) v51 n4 p777-80 1965.

NCH-206 135 Field 13H, 13I

Gastrow, H.
HEATING CYLINDERS FOR INJECTION MOLDING MACHINES. 1966, 11p. IICH-8842.
Order from IICH: $11.00 as IICH-8842

Trans. of Kunststoffe (West Germany) v45 p122-4 1955.

NCH-206 140 Field 13H

Michel, P.
OBTAINING PRECISE GEOMETRIC FORMS BY ELECTROLYTIC POLISHING. 1966, 15p.
IICH-8847.
Order from IICH: $15.00 as IICH-8847

Trans. of Revue de Metallurgie (France) v46 p39-45 1949.

NCH-206 711 Field 13H

Pieper, H.; Krueger, G.
CONTROL OF THE SETTING-RATE OF CEMENT-BONDED SAND. 20 Oct 66. BISI-4895.
Order from BISI: $18.20 as BISI-4895

Trans. of Giesserei (West Germany) v52 p841-8 1965.

NCH-206 734 Field 13H, 11F

Becvar, J.
PROBLEMS INVOLVED IN MANUFACTURING FREE-CUTTING STEEL OF HIGH MACHINABILITY. 1966. BISI-5042.
Order from BISI: $21.00 as BISI-5042

Trans. of Hutnik (Czechoslovakia) v16 n3 p119-24 1966.

NCH-206 735 Field 13H, 11F

Dedek, V.
THE INFLUENCE OF RECRYSTALLISATION AND INTER-PASS ANNEALING SCHEDULES ON THE DEEP-DRAWING PROPERTIES OF LOW-CARBON SHEET STEEL. 1966. BISI-5053.
Order from BISI: $16.80 as BISI-5053

Trans. of Hutnicke Listy (Czechoslovakia) v20 n11 p789-95 1965.

NCH-206 737 Field 13H

Vogels, H. A.
EXAMINATION OF THE INFLUENCE OF CASTING AND SOLIDIFICATION CONDITIONS ON THE PROPERTIES OF ROLLED AND FORGED PRODUCTS. 1966. BISI-5067.
Order from BISI: $16.80 as BISI-5067

Trans. of Stahl und Eisen (West Germany) v86 p945-62 1966.

NCH-206 750 Field 13H, 13A

Trentini, B.; Rossi, M.
RECARBURIZING TESTS ON CAST IRON AND STEEL BY CARBON INJECTION. 1966. BISI-5103.
Order from BISI: $19.60 as BISI-5103

Trans. of Fonderie (France) p25-39 Jan 1959.

NCH-206 768 Field 13H

Mazanek, E.; Jasienska, S.
EFFECT OF SOME FACTORS ON THE QUALITY OF SELF-FLUXING SINTER. 22 Dec 66. BISI-5155.
Order from BISI: $21.00 as BISI-5155

Trans. of Hutnik (Poland) v32 n5 p163-70 1966.

NCH-206 774 Field 13H, 11F

Tsykin, L. V.; Oiks, G. N.
MECHANISM OF THE OXIDATION OF IMPURITIES IN THE CONVERTER BATH. 1966. BISI-5079.
Order from BISI: $12.60 as BISI-5079

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v8 n9 p63-8 1965.

NCH-206 776 Field 13H, 11F

Volkov, S. S.
LOSS OF HOT METAL FROM THE BATH DURING OXY-FUEL LANCING IN THE LD-PROCESS. 1966. BISI-5150.
Order from BISI: $12.60 as BISI-5150

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v9 n5 p40-4 1966.

NCH-206 777 Field 13H, 11F

Svishchenko, V. T.
CONTRIBUTION TO THE PROBLEM OF THERMAL HARDENING OF LARGE STEEL SECTIONS OF POOR HARDENABILITY. 1966. BISI-5210.
Order from BISI: $11.20 as BISI-5210

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v8 n4 p169-73 1965.

NCH-206 780 Field 13H

Katashinskii, V. P.; Vinogradov, G. A.
INVESTIGATION OF THE SPECIFIC PRESSURES DURING ROLLING OF METAL POWDERS. 1966. BISI-5186.
Order from BISI: $12.60 as BISI-5186

Trans. of Poroshkovaya Metallurgiya (USSR) n3 p21-6 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

NCH-206 837 Field 13H

Robonyi, A.
CALCULATION OF THE TENSILE STRENGTH OF UNALLOYED COLD-DRAWN STEEL WIRE. 3 Jan 67, 7p. ATS-38T97H.
Order from ATS: $10.50 as ATS-38T97H

Trans. of Kohaszati Lapok (Hungary) v95 n6 p279-82 1962.

NCH-206 996 Field 13H

LIMITS OF SEPARATION AND PRECISION OF SEPARATION OF SPIRAL AIR SEPARATORS WITH CIRCULATING AIR SEPARATION COMPARTMENT WALLS. 1966, 24p. TC-2339.
Order from TC: $19.00 as TC-2339

Trans. of Aufbereitungs-Technik (West Germany) v6 n4 p213-22 1965.

NCH-206 997 Field 13H

Rumpf, H.; Kaiser, F.
THE MICROPLEX SPIRAL AIR SEPARATOR, A NEW DEVICE FOR SHARP SEPARATION OF GRAINS. 1966, 27p. TC-2338.
Order from TC: $21.50 as TC-2338

Trans. of Fette Seifen Anstrichmittel (West Germany) v56 p180-7 1954.

TT-66-27124 Field 13H

Novotny, A.
SINTERING BY THERMAL ANALYSIS. CEGB-CET.1697.
Order from CEGB as CEGB-CET.1697

Trans. of Silikaty (Czechoslovakia) v3 n1 p52-63 1959.

TT-67-30057 Field 13H, 9D, 9B

Shenbrot, I. M.
MACHINES FOR CENTRALIZED CONTROL. 4 Jan 67, 139p, 42refs. JPRS-39407.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30057

Trans. of mono. Mashiny Tsentralizovannogo Kontrolya, Moscow, 1966, 192p.

TT-67-30115 Field 13H, 13F

Dobrov, N.
USSR INDUSTRIAL DEVELOPMENT: METALLURGY AND MINERALS NO. 38. Shop for Volume Hardening of Rails Tested. 10 Jan 67, 13p. JPRS-39465.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30115

Trans. of Na Stroykakh Rossii (USSR) v7 n9 p8-9 1966.

TT-67-30124 Field 13H, 9D

Levitt, N. B.; Podgaynyi, V. K.
SPECIFIC REQUIREMENTS OF AUTOMATIC CONTROL SYSTEMS DISCUSSED. 10 Jan 67, 7p. JPRS-39474.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30124

Trans. of mono. Avtomatika, Moscow, 1964 p190-5.

TT-67-30196 Field 13H, 20K, 13J, 14B

USSR SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 30. 16 Jan 67, 131p. JPRS-39546.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30196

TT-67-30219 Field 13H, 13J, 20K, 11-

USSR SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 31. 17 Jan 67, 144p. JPRS-39569.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30219

TT-67-60478 Field 13H

Ganago, O. A.; Shelekhova, V. A.; Balyasnogo, I. M.
IMPROVEMENT OF FORGING PRODUCTION: GENERALIZATION OF EXPERIENCE OF URAL PLANTS. 13 Jul 66, 200p, refs. FTD-MT-65-54; AD-645 774.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 774

Edited machine trans. of mono. Sovershenstvovanie Kuznechno-Shtampovochnogo Proizvodstva Obobshchenie Opyta Uralskikh Zavodov, Moscow, 1963 216p.

TT-67-60484 Field 13H, 13D

Lutsyuk-Khudin, V. A.
NEW METHOD OF PRODUCTION OF CLAD PLATE ROLLED PRODUCTS FOR PRESSURE VESSELS. 20 Jul 66, 54p, 81refs. FTD-MT-65-468; AD-645 787.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 787

Edited machine trans. of mono. Novyi Sposob Proizvodstva Tolstolistovogo Dvukhsloinogo Prokata dlya Sosudov Vysokogo Davleniya, Kiev, 1965 61p.

I. Machinery and tools

NCH-206 744 Field 13I, 13C

Overlach, H.; Wuensch, D.
INVESTIGATION OF THE DYNAMIC LOADING OF STEELWORKS CRANE DRIVING GEAR BY UNIVERSAL JOINTS. 1966. BISI-4942.
Order from BISI: $19.60 as BISI-4942

Trans. of Stahl und Eisen (West Germany) v85 p1248-57 1965.

NCH-206 778 Field 13I

Ephremidis, C.
CALCULATION WORK ON VIBRATORY SCREENS. 1966, BISI-5163.
Order from BISI: $9.80 as BISI-5163

Trans. of Foerdern und Heben (West Germany) v16 p171-4 1966.

TT-66-26726 Field 13I

Krzyzanowski, J.
BLADE PROFILES. CEGB-M.V.2573.
Order from CEGB as CEGB-M.V.2573

Trans. of Archiwum Budowy Maszyn (Poland) v5 n3 p293-317 1958.

TT-66-26727 Field 13I, 1A, 20D

Kozubowski, R.
MODEL TESTING OF BLADE SYSTEMS. CEGB-M.V.2574.
Order from CEGB as CEGB-M.V.2574

Trans. of Archiwum Budowy Maszyn (Poland) v5 n3 p383-96 1958.

TT-66-27112 Field 13I

Vidman, D. N.
SHAPE STABILITY OF TURBINE SHAFTS AND ROTORS AT HIGH TEMPERATURES. CEGB-X-III.
Order from CEGB as CEGB-X-III

Trans. of mono. Prochnost Metallov, Moscow, 1956 p67-80.

TT-66-27135 Field 13I, 20M, 21E

Molchanov, E. I.
TEMP. FIELD OF GAS-TURBINE ROTOR. CEGB-E.D.11/56.
Order from CEGB as CEGB-E.D.11/56

Trans. of Teploenergetika (USSR) v3 n1 p53-7 1956.

TT-66-27183 Field 13I

Dorofeev, L. S.
BALL-MILL LOADING. CEGB-CET.2002.
Order from CEGB as CEGB-CET.2002

Trans. of Teploenergetika (USSR) v7 n9 p65-7 1960.

TT-66-35213 Field 13I

Raychev, M.
EAST EUROPEAN MACHINERY INDUSTRIES: TRANSLATIONS NO. 6. 25 Nov 66, 10p. JPRS-38789.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35213

Trans. of Mekhanizatsiya i Elektrifikatsiya na Selskoto Stopanstvo (Bulgaria) n9 p31-2 1966 and Buletinul Official al Republicii Socialiste Romania, Pt. 1, 23 Sep p393-4 1966.

TT-67-30016 Field 13I

Scheibner, S.; Zalewski, Z.
EAST EUROPEAN MACHINERY INDUSTRIES:

TRANSLATIONS NO. 10. 3 Jan 67, 13p. JPRS-39365.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30016

Trans. of Presse-Informationen (sic) (East Germany) 28 Nov p2-3 1966 and Przeglad Mechaniczny (Poland) v25 n17/18 p531-4 1966.

J. Marine engineering

NCH-206 105 Field 13J

Nakazawa, H.
TRENDS IN SHIP AUTOMATION. 1966. BSRA-2392.
Order from BSRA: L5 as BSRA-2392

Trans. of Navigation (Japan) n20 p16 1964.

NCH-206 156 Field 13J, 11F

Vossnakc, E.; Visscher, J. H.
EVIDENCE OF CORROSION AND CATHOD PROTECTION OF SUBMARINES. 1966, 14p.
IICH-8863.
Order from IICH: $14.00 IICH-8863

Trans. of Schiff und Hafen (West Germany) n8 1957.

TT-67-60510 Field 13J, 21E, 21A

SHIPBUILDING, NO. 12, 1964: SELECTED ARTICLES. 29 Jul 66, 19p, refs. FTD-TT-1989; AD-645 853.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 853

Unedited rough draft trans. of Sudostroenie (USSR) n12 p24-8 1964.

K. Pumps, filters, pipes, fittings, tubing and valves

NCH-206 860 Field 13K

Brauer, H.; Kriegel, E.
HYDRAULIC TRANSPORT OF SOLIDS IN HORIZONTAL PIPES. 1966, 19p. ATS-06T97G.
Order from ATS: $29.75 as ATS-06T97G

Trans. of Baender, Bleche, Rohre (West Germany) v6 n6 p315-24 1965.

TT-66-27078 Field 13K, 13A, 11F

Szeleky, L.
BOILER TUBE DEFECTS CAUSED BY CORROSION. CEGB-CET-2616.
Order from CEGB as CEGB-CET-2616

Trans. of Kohaszati Lapok (Hungary) v93 n11 p481-9 1960.

TT-66-27132 Field 13K

Blaha, J.
DESIGN OF PUMP-TURBINES. CEGB-X.148.
Order from CEGB as CEGB-X.148

Trans. of Strojirenstvi (Czechoslovakia) v8 n12 p891-2 1958..

TT-67-60518 Field 13K

Postnikov, V. V.
RAPID METHOD INSTALLATION OF PIPE LINES AND COMPRESSOR PLANT EQUIPMENT (Montazh Truboprovodov i Oborudovania Kompressornyikh Stantsii Skorostnym Metodom). Jan 67, 9p.
AERDL-T-1883-66; AD-645 947.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 947

Trans. of Stroitelstvo Truboprovodov (USSR) v10 n11 p19-20 1965.

L. Safety engineering

TT-66-26802 Field 13L

Kravchenko, V. S.
EXPLOSIVE ATMOSPHERES. CEGB-IB.1563.
Order from CEGB as CEGB-IB.1563

Trans. of Elektrichestvo (USSR) n12 p48-52 1956.

TT-66-26842 Field 13L, 20C

Bunko, V. A.
ELECTRIC-SHOCK PREVENTION SYSTEM.
Order from CEGB as CEGB-UKAEA

Trans. of Elektrichestvo (USSR) n11 p76-7 1959.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

M. Structural engineering

TT-67-30035 Field 13M, 5C

Fichtner, W.
EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 494. Status of 1966 Construction Output. 3 Jan 67, 11p. JPRS-39384.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30035

Trans. of Bauzeitung (East Germany) n11 p562-4 1966.

TT-67-60459 Field 13M

Khalizev, E. P.
INSTALL DEEP FOOTINGS FOR INDUSTRIAL AND PUBLIC BUILDINGS (Vnedrit Glubokie Opory v Promyshlennoe i Grazhdanskoe Stroitelstvo). Tr. by Anne W. Sands. Jun 65, 13p (foreign text included). BR-D-Trans-566.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60459

Trans. of Osnovaniya, Fundamenty i Mekhanika Gruntov (USSR) v7 n1 p1-2 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60460 Field 13M, 20A

Filonidov, A.; M.
INVESTIGATION OF PROPAGATION OF ULTRASOUND IN HYDRAULIC CONCRETE STRUCTURES (Issledovanie Rasprostraneniya Ultrazvuka v Gidrotekhnicheskom Betone). Tr. by Lola Hawkinberry. Aug 65, 17p (foreign text included)

refs. BR-D-Trans-555.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60460

Trans. of Gidroteknicheskoe Stroitelstvo (USSR) n12 p14-6 1964.

14 METHODS AND EQUIPMENT

B. Laboratories, test facilities, and test equipment

NCH-206 600 Field 14B

Vasilev, R. F.; Zhuchkova, T. N.; Petukhov, S. M.
A SIMPLIFIED TYPE OF SPECTROMETER OF HIGH APERTURE RATIO. Tr. by J. Stuart. Jan 66, 3p, 6refs. AERE-Trans-1050.
Order from HMSO: 1s 2d as AERE-Trans-1050

Trans. from Optiko-Mekhanicheskaya Promyshlennost (USSR) n.d.

NCH-206 707 Field 14B

Engelhardt, W.
A NEW METHOD OF TESTING FOR DEEP DRAWABILITY, AND APPLICATION OF THIS METHOD. 13 Oct 66. BISI-5087.
Order from BISI: $12.60 as BISI-5087

Trans. of Forschungsgesellschaft Blechverarbeitung e. V. Mitteilungen (West Germany) p287-92 1 Nov 59.

TT-66-27100 Field 14B

Rudnicki, A. A.
HIGH TEMP. THERMOCOUPLES. CEGB-CET.1930.
Order from CEGB as CEGB-CET.1930

Trans. of Pomiary, Automatyka, Kontrola (Poland) v6 n4 p145-6 1960.

TT-66-27165 Field 14B, 21G

Ermashov, N. N.; Markov, N. M.
INVESTIGATION OF PIEZOMETRIC HEADS FOR MEASUREMENT OF WET STEAM FLOW PARAMETERS. CEGB-CET.Trans.4334.
Order from CEGB as CEGB-CE. Trans.4334

Trans. of Izvestiya Vysshikh Ucgebnyh Zavedenii. Energetika (USSR) v8 n2 p70-6 1965.

TT-67-60507 Field 14B

Rogushin, I. I.; Kuznetsov, K. F.; Kozyr, A. I.
DATA-OUTPUT UNIT FOR A TYPE AI-50 MULTI-CHANNEL ANALYZER WITH A DYNAMIC DELAY-LINE MEMORY. 14 Jul 66, 12p, 1ref. FTD-TT-65-1092; AD-645 841.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 841

Unedited rough draft trans. of Nauchno-Tekhnicheskaya Konferentsiya po Yadernoi Radioelektronike (no. 5) 1963. Trudy n.p., n.d. p94-100.

E. Reprography

NCH-206 839 Field 14E

Buzas, F.; Csiszar, G.; Nyiri, F.; Pretsch, E.
PREPARATION OF MODERN SCREEN POSITIVES. 1966, 9p. ATS-73T96H.
Order from ATS: $17.75 as ATS-73T96H

Trans. of Evkonyv Nyomdaipari Tfoszt Technologiai Fejlesztesi Lab. Paper (Hungary) 1966 p104-14.

NCH-206 840 Field 14E

Buzas, F.; Csiszar, G.; Nyiri, F.; Pretsch, E.
PRODUCTION OF CONTACT SCREENS WITH IMPROVED TONE RENDERING. 1966, 43p. ATS-72T96H.
Order from ATS: $59.75 as ATS-72T96H

Trans. of Evkonyv Nyomdaipari Troszt Technologiai Fejlesztesi Lab. Paper (Hungary) 1966 p57-101.

NCH-206 975 Field 14E

Boack; Mundry; Schnitger.
STUDY OF THE APPLICABILITY OF XERORADIOGRAPHY FOR TESTING MACROSTRUCTURES. 1966, 13p. TC-2284.
Order from TC: $13.50 as TC-2284

Trans. of Materialpruefung (West Germany) v7 113p 1965.

NCH-206 988 Field 14E, 7D

Kunimine, N.; Ugazin, H.; Yabe, K.; Asada, E.
STUDIES ON ANALYTICAL METHODS OF PHOTOGRAPHIC MATERIALS (III) FLUORESCENT X-RAY ANALYSIS OF SILVER HALIDES. 1966, 14p. TC-2399.
Order from TC: $14.50 as TC-2399

Trans. of Bunseki Kagaku (Japan) v13 p679-84 1964.

TT-66-27094 Field 14E

Sinelnikov, K. D.; Shklyarevskii, I. N.; Vlasenko, K. A.
FLUORIDE FILMS. CEGB-X.40.
Order from CEGB as CEGB-X.40

Trans. of Optika i Spektroskopiya (USSR) v2 n5 p651-7 1957.

15 MILITARY SCIENCES

C. Defense

TT-67-30067 Field 15C, 5A

Berghianu, M.
ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 642. 5 Jan 67, 24p. JPRS-39417.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30067

Trans. of Probleme Economice (Rumania) v19 n10 p3-21 1966.

TT-67-30134 Field 15C

SOVIET MILITARY TRANSLATIONS NO. 365.
10 Jan 67, 55p, 4refs. JPRS-39484.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30134

Trans. of Voennye Znaniya (USSR) n11 p8-9, 16-22, 26-8 1966.

TT-67-60435 Field 15C

REAR AND SUPPLY OF THE SOVIET ARMED FORCES. NO. 8. Aug 66, 116p.
J-0916; AD-645 522.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 522

Trans. of Tyl i Snabzhenie Sovetskikh Vooruzhennykh Sil (USSR) n8 1966.

TT-67-60436 Field 15C

TECHNOLOGY AND ARMAMENT NO. 9 1966.
Sep 66, 120p. J-1054; AD-645 523.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 523

Trans. of Teknika i Vooruzhenie (USSR) n9 p1-87 1966.

16 MISSILE TECHNOLOGY

No Entries

17 NAVIGATION, COMMUNICATIONS DETECTION AND COUNTERMEASURES

B. Communications

NCH-206 858 Field 17B

Tomita, Y.; Kikuchi, H.; Mitsuhashi, S.
EVALUATION TESTS OF CHANNEL SELECTOR RELAYS. 1966, 4p. ATS-70T97J.
Order from ATS: $5.00 as ATS-70T97J

Trans. of Denki Tsushin Gakkai Zenkoku Taikai (Japan) 1965.
Paper from All-Japan Conference of the Institute of Electrical Communications Engineers, 1965.

TT-66-26786 Field 17B

Pevnitskii, V. P.
RADIO-INTERFERENCE SUPPRESSION SYSTEM.
CEGB-IB.1537.
Order from CEGB as CEGB-IB.1537

Trans. of Elektrichestvo (USSR) n6 p73-8 1956.

TT-66-35749 Field 17B

HERALD OF COMMUNICATIONS, NO. 9, 1966.
29 Dec 66, 81p. JPRS-39327.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35749

Trans. from Vestnik Svyazi (USSR) v26 n9 p5-18, 21, 23-4, 29-30 1966.

TT-66-35757 Field 17B

USSR COMMUNICATIONS: TRANSLATIONS NO. 76. 30 Dec 66, 11p. JPRS-39335.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35757

TT-67-60369 Field 17B

Isakov, V. S.; Pevtsov, N. V.
LONG-DISTANCE COIN-BOX TELEPHONE.
1966, 9p. POED-Trans-2292.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60369

Trans. of Vestnik Svyazi (USSR) v26 n4 p15-7 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-67-60492 Field 17B

Novikov, V. V.; Zubovskii, L. I.
ENGINEERING AND TECHNICAL HANDBOOK ON ELECTRIC COMMUNICATIONS: TELEGRAPHY.
20 Jul 66, 737p, 37refs. FTD-MT-64-223; AD-645 795.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 795

Edited machine trans. of mono. Inzhenerno-Tekhnicheskii Spravochink po Elektrosvyazi: Telegrafiya, Moscow, 1963 657p.

G. Navigation and guidance

TT-67-60475 Field 17G

Astafev, G. P.; Shebshaevich, V. S.; Yurkov, Yu. A.
ELECTRONIC AIDS TO AIRCRAFT NAVIGATION.
30 Jun 66, 352p, refs. FTD-MT-65-94; AD-645 773.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 773

Edited machine trans. of mono. Radiotekhnicheskie Sredstva Navigatsii Letatelnykh Apparatov, Moscow, 1962 p126-204, 356-437, 458-530, 573-602, 725-823, 867-941.

I. Radar detection

NCH-206 877 Field 17I

Revillon, G.
NEW IDEAS IN RADAR. SYNTHETIC ANTENNAS AND APPLICATIONS TO SIDE-LOOKING RADAR.
3 Jan 67, 14p. ATS-25T97F.
Order from ATS: $14.65 as ATS-25T97F
Trans. of l'Onde Electrique (France) v45 n458 p561-7 1965.

TT-66-35723 Field 17I

Parichkov, I.
MILITARY INFORMATION ON EASTERN EUROPE NO. 151. Micromodules in Radar. 28 Dec 66, 9p. JPRS-39301.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35723
Trans. of Armeyski Pregled (Bulgaria) n9 p67-70 1966.

TT-67-60479 Field 17I

Bakut, P. A.; Bolshakov, I. A.; Gerasimov, B. M.; Kuriksha, A. A.; Repin, V. G.
QUESTIONS OF THE STATISTICAL THEORY OF RADAR,

VOL. II. 28 Jun 66, 843p, 70refs. FTD-MT-65-47; AD-645 775.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 775

Edited machine trans. of mono. Voprosy Statisticheskoi Teorii Radiolokatsii, v2, Moscow, 1964 1079p.

18 NUCLEAR SCIENCE AND TECHNOLOGY

A. Fusion devices (Thermonuclear)

TT-66-27105 Field 18A, 10B

Kurchatov, I. V.
THERMONUCLEAR ENERGY. CEGB-X.30.
Order from CEGB as CEGB-X.30

Trans. from Pravda (USSR) 28 Feb p3-4 1958.

TT-66-27106 Field 18A

Kurchatov, I. V.
CONTROLLED THERMONUCLEAR REACTIONS. CEGB-X.217.
Order from CEGB as CEGB-X.217

Trans. from Pravda (USSR) 1 Sep 1958.

TT-67-60498 Field 18A, 18K

Cheng I-Hsi.
NUCLEAR PHYSICS. 14 Oct 66, 18p.
FTD-HT-66-421; AD-645 824.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 824

Edited trans. of mono. Yuan Tzu Wu Li Hsueh, n.p., 1965 p205-14.

B. Isotopes

NCH-206 834 Field 18B

Gruzin, P. L.; Litvin, D. F.
DETERMINATION OF DIFFUSION COEFFICIENTS IN SOLIDS BY MEANS OF RADIOACTIVE ISOTOPES. 1966, 4p. ATS-14T97R.
Order from ATS: $7.90 as ATS-14T97R

Trans. of Akademiya Nauk SSSR. Doklady, v94 n1 p41-4 1954.

D. Nuclear instrumentation

TT-66-27076 Field 18D

Veksler, M. A.
RADIOACTIVE LEVEL MEASURING AND INDICATING APPARATUS. CEGB-X-268.
Order from CEGB as CEGB-X-268

Trans. of Khimicheskaya Promyshlennost (USSR) n6 p483-7 1960.

F. Radiation shielding and protection

TT-66-26883 Field 18F

Jirku, J.
SURGE PROTECTION. CEGB-CET.1407.
Order from CEGB as CEGB-CET.1407.

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v47 n11 p565-72 1958.

H. Radioactivity

TT-66-27075 Field 18H

Pshezhetskii, S. Y.
NUCLEAR RADIATION EFFECTS ON GASEOUS REACTIONS. CEGB-UKAEA.
Order from CEGB as CEGB-UKAEA

Trans. of Khimicheskaya Nauka i Promyshlennost (USSR) v4 p509-15 1959.

J. Reactor materials

NCH-206 745 Field 18J

Boehm, H.
THE HIGH TEMPERATURE EMBRITTLEMENT OF AUSTENITIC NICKEL-CHROMIUM STEELS AND NICKEL-BASE ALLOYS ON NEUTRON IRRADIATION. 1966. BISI-4985.
Order from BISI: $8.40 as BISI-4985

Trans. of Journal of Nuclear Materials (Netherlands) v19 p59-69 Apr 1966.

TT-66-15623 Field 18J

Spriet, B.
COMMENTS ON THE PRE-ALPHA YIELDS BETA TRANSFORMATION IN PLUTONIUM.
Tr. by R. E. Tate. Aug 66, 4p, 7refs.
LA-tr-66-48.
Order from SLA: $1.10 as TT-66-15623

Trans. of Journal of Nuclear Materials (Netherlands) v19 p343-4 1966.

TT-66-26729 Field 18J

Zimin, M. A.
EVALUATION OF FUEL ELEMENTS OF DIFFERENT SHAPES. CEGB-CET.1310.
Order from CEGB as CEGB-CET.1310

Trans. of Atomnaya Energiya (USSR) Suppl. 1 p149-62 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

K. Reactor physics

TT-66-26862 Field 18K

Leites, L. V.
CORELESS TOROIDAL REACTORS. CEGB-ED,Mar. 1961.
Order from CEGB as GEGB-ED,Mar.1961.

Trans. of Elektrichestvo (USSR) n11 p76-81 1960.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60143 Field 18K

Lyubimov, A. L.
ENERGY DEPENDENCE OF THE SLOP OF THE DIFFRACTION CURVES FOR pp, anti pp, K^+p, K^-p, pi^+p and pi^-p SCATTERING. Tr. by A. T. Sanders. 1966, 9p, 4refs. NLL-M-5801.

Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60143

Trans. of Joint Institute of Nuclear Research, Dubna (USSR) P2202 n.d.

L. Reactors (Power)

TT-66-26884 Field 18L

Jira, S.
POWER FACTOR IMPROVEMENTS. CEGB-CET.1472.
Order from CEGB as CEGB-CET.1472

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v47 n12 p630-7 1958.

19 ORDNANCE

C. Combat vehicles

TT-67-30009 Field 19C

SOVIET MILITARY TRANSLATIONS NO. 364.
Soviet T-62 Tank. 3 Jan 67, 6p (figs omitted).
JPRS-39358.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30009

Trans. of Soldat und Technik (West Germany) v9 n9 p460-2 1966.

20 PHYSICS

TT-66-35764 Field 20-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 80. 30 Dec 66, 18p. JPRS-39342.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35764

Abstract trans. of Wu Li Tung Pao (Chinese People's Republic) n1 50p 1960; n2 p49-96 1960.

TT-67-30023 Field 20-, 12A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 81. 3 Jan 67, 27p. JPRS-39372.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30023

Abstract trans. of Wu Li Tung Pao (Chinese People's Republic) n3 p97-144 1960 and of Shu Hsueh Tung Pao (Chinese People's Republic) n6 p2-52; n12 p2-48 1963.

TT-67-30121 Field 20-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 84.
10 Jan 67, 16p. JPRS-39471.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30121

Abstract trans. of Wu Li Hsueh Pao (Chinese People's Republic) v22 n9 p967-1106 1966.

A. Acoustics

TT-66-26695 Field 20A

Yamshchikov, V. S.; Levushkin, L. N.
CONTROL OF THE QUALITY OF CARBONATE ROCK BY ULTRASOUND. 6p, 3refs.
Order from Pargas.

Trans. of Tsement (USSR) v32 n2 p20-1 1966.

B. Crystallography

NCH-206 875 Field 20B

Poulet, H.
CERTAIN ANOMALIES OF THE RAMAN EFFECT IN CRYSTALS. 1966, 48p. ATS-27T96F.
Order from ATS: $49.95 as ATS-27T96F

Trans. of Annales de Physique (France) s12 v10 p908-67 1955.

NCH-207 009 Field 20B

Renninger, M.
ASYMMETRIC BRAGG REFLECTION OF IDEAL CRYSTALS FOR INCREASE OF THE RESOLVING POWER OF THE DOUBLE SPECTROMETER. 1966, 4p. TC-2301.
Order from TC: $4.00 as TC-2301

Trans. of Zeischrift fuer Naturforschung (West Germany) v16a p1110-1 1961.

C. Electricity and magnetism

NCH-206 590 Field 20C

Leon, B.
CALCULATION OF MECHANICAL STRESS IN COILS OF REVOLUTION USED FOR THE PRODUCTION OF INTENSE MAGNETIC FIELDS. Tr. by W. G. Stripp. Jun 66, 11p, 6refs. AERE-Trans-1056.
Order from HMSO: 2s 6d as AERE-Trans-1056

Trans. of Revue Generale de l'Electricite (France) v73 n12 p632-6 1964.

NCH-206 872 Field 20C

Preisach, F.
PERMEABILITY AND HYSTERESIS DURING MAGNETIZATION IN THE PREFERRED ENERGY DIRECTION. 3 Jan 67, 13p. ATS-23T97G.
Order from ATS: $27.75 as ATS-23T97G

Trans. of Physikalische Zeitschrift (East Germany) v33 p913-23 1932.

TT-66-26749 Field 20C, 20I

Bezbatchenko, A. L., Golvin, I. N.; Ivanov, D. P.; Kirillov, V. D.; Yavlinskii, N. A.
THE EFFECT OF A LONGITUDINAL MAGNETIC FIELD ON IMPULSIVE GAS DISCHARGES WITH LARGE CURRENTS. CEGB-IB.1554.
Order from CEGB as CEGB-IB.1554

Trans. of Akademiya Nauk SSSR. Doklady, v111 n2 p319-21 1956.

TT-66-26754 Field 20C

Borisov, M.; Marinov, M.
CRYSTAL COUNTERS OF CADMIUM SULFIDE WITH A HIGH-FREQUENCY ELECTRIC FIELD. CEGB-AERE.857.
Order from CEGB as CEGB-AERE.857
Trans. of Bulgarska Akademiya na Naukite, Sofia. Doklady, v11 n3 p169-72 1958.

TT-66-26762 Field 20C

Kesaev, I. G.
INCREASE OF THE STABILITY OF AN ARC IN A MAGNETIC FIELD AND THE MAXIMUM FIELD PRINCIPLE. CEGB-IB.1726.
Order from CEGB as CEGB-IB.1726

Trans. of Akademiya Nauk SSSR. Doklady, v124 n3 p563-6 1959.

TT-66-26773 Field 20C

Bogdanova, N. B.
CORONA DISCHARGE. CEGB-CET.2079.
Order from CEGB as CEGB-CET.2079

Trans. of Akademiya Nauk SSSR. Doklady, v134 n6 p1331-3 1960.

TT-66-26780 Field 20C

Egorov, P. M.
CONFORMAL TRANSFORMATION THREE-DIMENSIONAL POTENTIAL. CEGB-A.R.32.
Order from CEGB as CEGB-A.R.32

Trans. of Elektrichestvo (USSR) n5 p31-8 1956.

TT-66-26785 Field 20C

Golubchin, G. N.
CAUSATION OF ARC-BACKS. CEGB-IB.1535.
Order from CEGB as CEGB-IB.1535

Trans. of Elektrichestvo (USSR) n6 p60-5 1956.

TT-66-26790 Field 20C

Mamontov, O. V.
TRANSIENT PROCESSES. CEGB-IB.1551.
Order from CEGB as CEGB-IB.1551

Trans. of Elektrichestvo (USSR) n8 p4-10 1956.

TT-66-26794 Field 20C

Pashin, M. F.
CHOPPED WAVE TESTS. CEGB-CET.1085.
Order from CEGB as CEGB-CET.1085

Trans. of Elektrichestvo (USSR) n9 p89-90 1956.

TT-66-26796 Field 20C

Taev, I. S.
A. C. ARC CALCULATION. CEGB-IB.1565.
Order from CEGB as CEGB-IB.1565

Trans. of Elektrichestvo (USSR) n10 p57-61 1956.

TT-66-26800 Field 20C

Sergeev, P. S.
ARC CHARACTERISTICS. CEGB-IB.1598.
Order from CEGB as CEGB-IB.1598

Trans. of Elektrichestvo (USSR) n12 p25-8 1956.

TT-66-26803 Field 20C

Popkov, V. I.
CORONA LOSS EVALUATION. CEGB-CET.1721.
Order from CEGB as CEGB-CET.1721

Trans. of Elektrichestvo (USSR) n1 p9-16 1957.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26806 Field 20C

Tikhodeev, N. N.
CORONA. CEGB-CET.1080.
Order from CEGB as CEGB-CET.1080

Trans. of Elektrichestvo (USSR) n4 p25-9 1957.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26810 Field 20C

Brov, O. B.
SUPPRESSION OF FIELD OF SYNCHRONOUS M/CS. CEGB-EE.125.
Order from CEGB as CEGB-EE.125

Trans. of Elektrichestvo (USSR) n7 p34-9 1957.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26818 Field 20C

Aronzon, N. Z.
MINIMUM PRINCIPLE OF ARC VOLTAGE. CEGB-IB.1730.
Order from CEGB as CEGB-IB.1730

Trans. of Elektrichestvo (USSR) n3 p56-60 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26831 Field 20C

Kaplan, V. V.
ARC-QUENCHING ELEMENTS. CEGB-IB.1685.
Order from CEGB as CEGB-IB.1685

Trans. of Elektrichestvo (USSR) n10 p59-65 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26833 Field 20C

Fetisov, P. A.
ELECTRIC SPARKING. CEGB-IB.1713.
Order from CEGB as CEGB-IB.1713

Trans. of Elektrichestvo (USSR) n11 p74-8 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26852 Field 20C

Maikopar, A. S.
QUENCHING OF AN OPEN ARC. CEGB-IB.1851.
Order from CEGB as CEGB-IB.1851

Trans. of Elektrichestvo (USSR) n4 p64-9 1960.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26859 Field 20C

Chernin, A. B.
FAULT CURRENT. CEGB-CET.2013.
Order from CEGB as CEGB-CET.2013

Trans. of Elektrichestvo (USSR) n10 p13-9 1960.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26867 Field 20C

Chura, V.
SLIDING DISCHARGE. CEGB-IB.1580.
Order from CEGB as CEGB-IB.1580

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v45 n1 p21-4 1956.

TT-66-26872 Field 20C

Blaha, A.
ELECTRIC ARC AND GLOW DISCHARGE.
CEGB-IB.1531.
Order from CEGB as CEGB-IB.1531

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v45 n8 p391-4 1956.

TT-66-26875 Field 20C

Radl, Z.
D. C. AND A. C. ARC CHARACTERISTICS.
CEGB-IB.1587.
Order from CEGB as CEGB-IB.1587

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v46 n1 p37-41 1957.

TT-66-26876 Field 20C

Gert, R.
RESTRIKING VOLTAGES - CZECHOSLOVAKIA.
CEGB-IB-1589.
Order from CEGB as CEGB-IB.1589

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v46 n3 p126-37 1957.

TT-66-26882 Field 20C

Hon, A.
INSULATOR FIELD. CEGB-CET.1392.
Order from CEGB as CEGB-CET.1392

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v v47 n10 p499-505 1958.

TT-66-26886 Field 20C

Veverka, A.
FLASHOVER IN AIR. CEGB-CET.1458.
Order from CEGB as CEGB-CET.1458

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v48 n3 p117-22 1959.

TT-66-26895 Field 20C

Popolansky, F.
LIGHTNING ON TRANSMISSION LINES.
CEGB-IB.1867.
Order from CEGB as CEGB-IB.1867

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v49 n7 p343-9 1960.

TT-66-26898 Field 20C

Kloss, A.
L. P. ARC IN MERCURY VAPOUR. CEGB-CET.2555.
Order from CEGB as CEGB-CET.2555

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v49 n7 p367-72 1960.

TT-66-26899 Field 20C

Husa, V.
DIELECTRIC STRENGTH. CEGB-IB.1876.
Order from CEGB as CEGB-IB.1876

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v49 n7 p417-20 1960.

TT-66-26904 Field 20C

Cizek, R.
FLASHOVER-VOLTAGE. CEGB-CET.2111.
Order from CEGB as CEGB-CET.2111

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v49 n12 p640-4 1960.

TT-66-27034 Field 20C

Stekolnikov, I. S.
D. C. DISCHARGE. CEGB-IB.1672.
Order from CEGB as CEGB-IB.1672

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, n8 p158 1958.

TT-66-27045 Field 20C

Dvornikova, I. V.
ATOMIC CONC. IN AN ARC DISCHARGE.
CEGB-X.57.
Order from CEGB as CEGB-X.57

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, v22 n6 p677-80 1958.
For another listing of is journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27051 Field 20C

Stekolnikov, I. S.
STUDY OF THE LONG SPARK. CEGB-IB.1772.
Order ffom CEGB as CEGB-IB.1772

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, v23 n8 p975-9 1959.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27053 Field 20C

Lure, M. S.; Vasileva, E. I.; Ignateva, I. V.
FERROELECTRIC FILMS. CEGB-IB.1894.
Order from CEGB as CEGB-IB.1894

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, v24 n11 p1376-9 1960.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27069 Field 20C, 9E

Haga, K.
SURGE PHENOMENA- THREE-PHASE CABLES. CEGB-CET-3481.
Order from CEGB as CEGB-CET-3481

Trans. of Denki Gakkai Zasshi (Japan) v79 p1580-8. 1959.

TT-66-27115 Field 20C

Stekolnik, L. S.
THE LONG SPARK. CEGB-IB-1829.
Order from CEGB as CEGB-IB-1829

Trans. of Przeglad Elektrotechniczny (Poland) v35 n12 p493-503 1959.

TT-66-27119 Field 20C

Efimov, A. P.
ELECTROMAGNETIC SCREENING OF ROOMS. CEGB-IB-1725.
Order from CEGB as CEGB-IB-1725

Trans. of Radiotekhnika (USSR) v13 n11 p60-6 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27130 Field 20C

Plander, I.
OSCILLATION OF LINEAR SYSTEMS IN CRITICAL RANGE. CEGB-CET.2216.
Order from CEGB as CEGB-CET.2216

Trans. of Elektrotechnicky Casopis (Czechoslovakia) v10 n1 p5-30 1959.

TT-67-60491 Field 20C, 20H, 9E, 20G 20F, 18I, 20M

CERTAIN QUESTIONS IN EQPERIMENTAL PHYSICS: COLLECTION OF ARTICLES. 26 Jul 66, 155p, refs. FTD-MT-64-178; AD-645 794.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 794

Edited machine trans. of Nekotorye Voprosy Eksperimentalnoi Fiziki (USSR) v2 124p 1959.

TT-67-60511 Field 20C, 9A

Samsonov, G. V.; Paderno, Yu. B.; Fomenko, V. S.
THERMOEMISSIVITY CHARACTERISTICS OF TRANSIENT METALS AND THEIR COMPOUNDS. 4 Oct 66, 14p. 19refs. FTD-HT-66-178; AD-645 854.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 854

Unedited rough draft trans. of Ukrayinskyi Fizychnyi Zhurnal (USSR) v10 n6 p622-9 1965.

D. Fluid mechanics

NCH-206 622 Field 20D

Druzhinina, R. M.
ON SOME CASES OF HOMOGENEOUS SCREW MOTION OF AN IDEAL FLUID (O Nekotorykh Sluchayakh Odnorodnykh Vintovykh Dvizhenii Idealnoi Zhidkosti). Sep 66, 11p, 6refs. RTS-3754.
Order from NLL: 32s 6d as RTS-3754

Trans. of mono. Voprosy Energetiki Avtomatiki Mekhaniki i Gornogodela, Tashkent, 1962 p177-89.

NCH-206 876 Field 20D

Oberai, N. M.
HYPERSONIC VISCOUS FLOW AROUND A BLUNT BODY OF REVOLUTION IN A MODERATELY RAREFIED ATMOSPHERE. 1966, 30p. ATS-26T97F.
Order from ATS: $36.00 as ATS-26T97F

Trans. of Journal de Medanique (France) v3 n2 p173-214 1964.

NCH-206 943 Field 20D

Shekriladze, I. G.
FILM CONDENSATION OF MOVING VAPOUR (Plenochnaya Kondensatsiya Dvizhushchegosya Para). Sep 66, 10p, 11refs. RTS-3502.
Order from NLL: 20s as RTS-3502

Trans. of Akademiya Nauk Gruzinskoi SSR, Tiflis. Soobshcheniya, v35 n3 p619-26 1964.

TT-66-26670 Field 20D

Litvinov, N. D.
THE LIMITS OF APPLICABILITY OF MARGULES EQUATIONS FOR THE CALCULATION OF LIQUID-VAPOUR EQUILIBRIA IN BINARY MIXTURES. 6p. CSIR-tr.-578.
Order from CSIR as CSIR-tr.-578

Trans. of Nauchnye Doklady Vysshei Shkoly. Khimiya i Khimicheskaya Tekhnologiya (USSR) n1 p13-5 1959.

TT-66-26893 Field 20D

Limbora, K.
WATER MODELS FOR INVESTIGATION OF FLOW. CEGB-X.175.
Order from CEGB as CEGB-X.175

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v49 n5 p260-75 1960.

TT-66-27038 Field 20D

Glikman, B. F.
CONDENSATION OF A JET OF STEAM. CEGB-TP.2666.
Order from CEGB as CEGB as CEGB-TP.2666

Trans. of Akademiya Nauk SSSR. Izvestiya. Energetika i Transport, n1 p39-44 1959.

TT-66-27079 Field 20D

Litvak, A.
DEWATERING COAL SLURRY. CEGB-CET-1790.
Order from CEGB as CEGB-CET-1790

Trans. of Koks i Khimiya (USSR) n5 p19-21 1960.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27084 Field 20D

Zoltan, N.
SPECTRO-ANALYSIS OF WATER. CEGB-CET-2132.
Order from CEGB as CEGB-CET-2132

Trans. of Magyar Kemiai Folyoirat (Hungary) v63 n11 p297-302 1957.

TT-66-27096 Field 20D, 13H

Sebor, G.; Dedek, F.
CENTRIFUGAL DEWATERING OF SLAGS.
CEGB-CET.2225.
Order from CEGB as CEGB-CET.2225

Trans. of Paliva (Czechoslovakia) v40 n10 p302-5 1960.

TT-67-60481 Field 20D

Pohlhausen, K.
THE APPROXIMATE INTEGRATION OF THE DIFFERENTIAL EQUATION FOR THE LAMINAR BOUNDARY LAYER (Zur Naeherungsweisen Integration der Differentialgleichungen der Laminaren Grenzschicht). Tr. by Roland C. Anderson. 15 Aug 66, 43p. AD-645 784.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 784

Trans. of Zeitschrift fuer Angewandte Mathematik und Mechanik (East Germany) v1 p252-68 1921.

TT-67-60483 Field 20D, 20K, 1A

Nekrasov, A. I.
COLLECTED WORKS II. 27 Jun 66, 765p.
FTD-MT-64-386; AD-645 786.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 786

Edited machine trans. of mono. Sobranie Sochinenii II, Moscow, 1962 706p.

TT-67-60583 Field 20D, 12A

Vakomchik, V. P.
ANALYTICAL SOLUTION OF THE INTEGRAL EQUATION OF THE OSCILLATIONS OF THIN PROFILES IN A CASCADE. Nov 66, 9p, 6refs. NSTIC/09172/66; NSTIC-Trans-1832; AD-646 093.
Order from CFSTI: HC$3.00, MF$0.65 as AD-646 093

Trans. of Inzhenernyi Zhurnal (USSR) v5 n3 p555-60 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

E. Masers and lasers

TT-67-60545 Field 20E

Shishkevish, C.
PARAMETRIC OSCILLATION AND AMPLIFICATION AT OPTICAL FREQUENCIES. 4 Nov 66, 29p, 12refs. ATD-66-131; AD-645 995.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 995

Rept. on Surveys of Foreign Scientific and Technical Literature.

F. Optics

TT-66-26731 Field 20F, 18J

Nowicka, T.
SPECTROPHOTOMETRIC DETERMINATION OF BORON IN REACTOR MATERIALS. I. DETERMINATION OF BORON IN URANYL NITRATE AND IN HYDROGEN PEROXIDE SOLUTIONS. CEGB-CET.1312.
Order from CEGB as CFGB-CET.1312

Trans. of Chemia Analityczna (Poland) v1 n1 p285-93 1956.

TT-66-26739 Field 20F

Prachenska, J.
SPECTROPHOTOMETRIC ESTIMATION.
CEGB-CET.2807.
Order from as CEGB-CET.2807

Trans. of Chemicky Prumysl (Czechoslovakia) v10 n7 p343-6 1960.

TT-66-26751 Field 20F

Podgornyi, I. M.; Khuvatin, S. A.
X-RAYS FROM A STRONG PULSED DISCHARGE IN XENON. CEGB-X.34.
Order from CEGB as CEGB-X.34

Trans. of Akademiya Nauk SSSR. Doklady, v117 n5 p795-7 1957.

TT-66-27108 Field 20F

Burmistrov, V. R.
COMPTON SPECTROMETER. CEGB-AERE-784.
Order from CEGB as CEGB-AERE-784

Trans. of Pribory i Tekhnika Eksperimenta (USSR) n2 p26-9 1957.

TT-66-27128 Field 20F

Delong, A.
MICROSCOPE OF HIGH RESOLVING POWER.
CEGB-X.154.
Order from CEGB as CEGB-X.154

Trans. of Slaboproudy Obzor (Czechoslovakia) v21 n4 p195-206 1960.

H. Particle physics

NCH-206 895 Field 20H, 20L

Khaken, G.
THEORY OF EXCITONS IN CRYSTALS (Teoriya Eksitonov v Kristallakh). Sep 66, 97p, 87refs.
RTS-3385.
Order from NLL: 40s as RTS-3385

Trans. of Uspekhi Fizicheskikh Nauk (USSR) v68 p565-619 1959.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-26750 Field 20H

Dnestrovskii, Yu. N.; Kostomarov, D. P.
RADIATION FROM CHARGED PARTICLES PASSING NEAR A PERFECT CONDUCTOR.
CEGB-X.42.
Order from CEGB as CEGB-X.42

Trans. of Akademiya Nauk SSSR. Doklady, v116 n3 p377-80 1957.

TT-66-26760 Field 20H

Podgornyi, I. M.; Kovalskii, N. G.; Palchikov, V. E.
ELECTRONS AND HARD X-RADIATION EXCITED IN A HIGH POWER PULSED DISCHARGE.
CEGB-X.25.
Order from CEGB as CEGB-X.25

Trans. of Akademiya Nauk SSSR. Doklady, v123 n5 p825-7 1958.

TT-66-26767 Field 20H

Komar, A. P.; Dragnev, T. N.
THE FINE STRUCTURE OF THE ENERGY SPECTRUM OF PHOTOPROTONS FROM Ca^{40}. CEGB-X.155.
Order from CEGB as CEGB-X.155

Trans. of Akademiya Nauk SSSR. Doklady, v126 n6 p1234-5 1959.

TT-67-60354 Field 20H

Bugrim, E. D.; Lyutyi, A. I.; Rossikhin, V. S.; Tsikora, I. L.
VIBRATIONAL RELAXATION OF THE C_2 MOLECULE IN THE EXCITED ELECTRONIC STATE. Tr. by A. Magrath. 1966, 9p, 13refs.
TRC-Trans-1129.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60354

Trans. of Akademiya Nauk SSSR. Doklady, v169 n4 p858-60 1966.

I. Plasma physics

TT-67-60493 Field 20I, 20H

Sinelnikov, K. D.; Rutkevich, B. N.
LECTURES ON PLASMA PHYSICS. 2 Jun 65, 317p, 77refs. FTD-TT-65-1565; AD-645 818.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 818

Unedited rough draft trans. of mono. Kharkov Univ., Lectures, 1964 243p.

K. Solid mechanics

NCH-206 713 Field 20K

Boikov, V. N.
EFFECT OF A CONCENTRATOR ON THE STRESSED STATE AND LONG TERM STRENGTH. 20 Oct 66.
BISI-4945.
Order from BISI: $16.80 as BISI-4945

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Mashinostroenie (USSR) n6 p42-50 1964.

NCH-206 739 Field 20K, 13A

Bettzieche, P.; Schifano, S.
THE IMPORTANCE OF THE LONG TIME CREEP TESTS FOR PRACTICAL OPERATION. 1966.
BISI-5153.
Order from BISI: $15.40 as BISI-5153

Trans. of Mannesmann Forschungsberichte (sic) n319 1965, translated from il Calore (Italy) pt6 p307-17 1965.

TT-66-27043 Field 20K

Koshelev, P. F.
PLASTIC DEFORMN. IN STRESS AREAS.
CEGB-Deg. Inf.Ser.299(R).
Order from CEGB as CEGB-Deg.Inf.Ser.299(R)

Trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika, n1 p111-8 1959.

TT-66-27057 Field 20K

Smirnov, M. D.
STRESS IN THE FIR-TREE ROOT OF A BLADE.
CEGB-EE-700.
Order from CEGB as CEGB-EE.700

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Aviatsionnaya Tekhnika (USSR) v2 n2 p156-8 1959.

TT-66-27142 Field 20K

Aben, H.
THE COMPLETE DETERMINATION OF THE THREE-DIMENSIONAL STATE OF STRESS BY PHOTO-ELASTIC METHODS. CEGB-CE.Trans.4254.
Order from CEGB as CEGB-CE.Trans.4254

Trans. of Akademiya Nauk Estonskoi SSR, Tallin. Izvestiya, v9 n2 p133-44 1960.

TT-67-60405 Field 20K

Dolinina, N. N.
INTEGRAL OPERATOR METHOD IN THE THEORY OF VIBRATIONS OF ANISOTROPIC BODIES WITH CREEP. 1967, 4p, 5refs.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60405

Trans. of Akademiya Nauk URSR, Kiev. Dopovidi, n10 p1276-9 1966.

TT-67-60411 Field 20K

Movsisyan, L. A.
ON NONSTATIONARY FORCED VIBRATIONS OF CYLINDRICAL SHELLS. 1967, 10p, 13refs.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60411

Trans. of Akademiya Nauk Armyanskoi SSR, Erevan. Izvestiya. Fiziko-Matematicheskie, Estestvennye i Tekhnicheskie Nauki, v16 n2 p3-12 1963.

TT-67-60455 Field 20K

Lytkin, V. A.; Dranovskii, A. N.
DETERMINATION OF TANGENTIAL STRESSES BY FIELD MEASUREMENTS OF NORMAL PRESSURES (Opredelenie Kasatelnykh Napryazhenii po Izmerennym v Nature Normalnym Davleniyam). Tr. by M. T. York. Sep 65, 20p (foreign text included) refs. BR-D-Trans-565.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60455

Trans. of Osnovaniya, Fundamenty i Mekhanika Gruntov (USSR) v7 n1 p20-2 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60468 Field 20K

Chetaev, N. G.
STABILITY OF ROTATION OF A RIGID BODY WITH ONE FIXED POINT IN THE LAGRANGIAN CASE (Ob Ustoichivosti Vrashcheniya Tverdogo Tela s Odnoi Nepodvizhnoi Tochkoi v Sluchae Lagranzha). Tr. by Anne W. Sands. Jun 65, 9p (foreign text included) refs. BR-D-Trans-559.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60468

Trans. of Prikladnaya Matematika i Mekhanika (USSR) v18 p123-4 1954.

TT-67-60494 Field 20K, 20D

Pisarenko, G. S.; Troshchenko, V. T.; Bugai, V. I.; Khoroshun, L. P.
APPLIED MECHANICS VOL. 1, NO. 1, 1965: SELECTED ARTICLES. 24 Aug 66, 28p, 15refs. FTD-TT-65-1374; AD-645 819.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 819

Edited trans. of Prikladnaya Mekhanika (USSR) v1 n1 p52-61, 92-7 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-67-60502 Field 20K

Palmov, V. A.
CONCENTRATION OF STRESSES AROUND A ROUGH BOUNDARY OF AN ELASTIC BODY. 24 Aug 66, 12p, 5refs. FTD-TT-66-66; AD-645 832.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 832

Unedited rough draft trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika i Mashinostroenie, n3 p104-8 1963.

TT-67-60505 Field 20K, 11G

Bolotin, V. V.
ON THE THEORY OF LAMINATED PLATES. 24 Aug 66, 15p, 5refs. FTD-TT-66-65; AD-645 835.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 835

Unedited rough draft trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika i Mashinostroenie, n3 p65-72 1963.

L. Solid-state physics

NCH-206 874 Field 20L

Haul, R.; Dumbgen, G.
THE SELF-DIFFUSION OF OXYGEN IN RUTILE CRYSTALS. 1966, 13p. ATS-13T98G.
Order from ATS: $19.85 as ATS-13T98G

Trans. of Journal of Physics and Chemistry of Solids (U. S.) v26 p1-10 1965.

NCH-206 976 Field 20L

Seidel, H.; Wolf, H.
PARAMAGNETIC RESONANCE (ESR- AND ENDOR-SPECTROSCOPY) OF COLOR CENTERS IN CRYSTALLINE ALKALI HALIDES. 1966, 82p. TC-2176.
Order from TC: $38.00 as TC-2176

Trans. of Physica Status Solidi (East Germany) v11 p3-66 1965.

NCH-207 015 Field 20L

THE INFLUENCE OF DISLOCATIONS ON THE INTEGRATED INTENSITIES OF X-RAYS FROM GERMANIUM CRYSTALS. 1966, 6p. TC-2474.
Order from TC: $6.00 as TC-2474

Trans. of Journal de Physique (France) v20 p691-3 1959.

NCH-207 016 Field 20L

THERMAL ACCEPTORS IN SINGLE-CRYSTAL TELLURIUM. 1966, 13p. TC-2478.
Order from TC: $14.50 as TC-2478

Trans. of Physica Status Solidi (East Germany) v8 p719 1965.

NCH-207 104 Field 20L

Pekar, S. I.
THEORY OF LOCAL ELECTRON CENTRES IN CRYSTALS. Sep 66, 11p, 25refs. RTS-3027.
Order from NLL: 22s 6d as RTS-3027

Trans. of unidentified mono., Kiev, 1960 p745-53.

TT-66-26722 Field 20L, 9A

Kolomiets, B. T.
GLASSY SEMICONDUCTORS. CEGB-CET.2599.
Order from CEGB as CEGB-CET.2599

Trans. of mono. International Conference on Semiconductor Physics, Praque, 1960 Proceedings, n.p., 1960 p884-8.

TT-66-26759 Field 20L

Indenbom, V. L.
SLIP- AND DISLOCATION LINES. CEGB-X.36.
Order from CEGB as CEGB-X.36

Trans. of Akademiya Nauk SSSR. Doklady, v123 n4 p673-6 1958.

M. Thermodynamics

TT-66-26640 Field 20M

Avramov, V. G.; Gontkovskaya, V. T.; Merzhanov, A. G.
THE THEORY OF THERMAL IGNITION. I. LAWS GOVERNING THE TRANSITION FROM SPONTANEOUS COMBUSTION TO IGNITION. Tr. by L. Mote. 16p, 7refs. MTWL-1420.
Order from ETC: $1.60 as TT-66-26640

Trans. of Akademiya Nauk SSSR, Izvestiya. Seriya Khimicheskaya, n3 p429-37 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-26765 Field 20M

Vyakhirev, D. A.; Komissarov, P. F.
VACUUM GAS CHROMATROGRAPHY. CEGB-UKAEA.
Order from CEGB as CEGB-UKAEA

Trans. of Akademiya Nauk SSSR. Doklady (USSR) v12 n1 p138-40 1959.

TT-66-26903 Field 20M

Machalicky, J.
THERMAL CONDUCTIVITY. CEGB-TP.2968.
Order from CEGB as CEGB-TP.2968

Trans. of Elektrotechnicky Obzor (Czechoslovakia) v49 n12 p648-9 1960.

TT-66-27024 Field 20M

Kaganov, M. A.
MEASUREMENT OF HEAT FLOWS. CEGB-CET.1793.
Order from CEGB as CEGB-CET.1793

Trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) v3 n3 p138-42 1960.

TT-66-27025 Field 20M

Frenkel, V. Y.
HEAT EXCHANGE BY RADIATION. CEGB-UKAEA-544.
Order from CEGB as CEGB-UKAEA-544

Trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) v3 n4 p85-9 1960.

TT-66-27041 Field 20M

Kirillin, V. A.; Sheindlin, A. E.
THERMODYNAMIC PROPERTIES OF STEAM AND WATER. CEGB-IB.2043.
Order from CEGB as CEGB-IB.2043

Trans. of Akademiya Nauk SSSR. Izvestiya. Energetika i Transport, n2 p44-53 1960.

TT-66-27065 Field 20M

Murakawa, K.
HEAT TRANSFER. CEGB-CET.1824.
Order from CEGB as CEGB-CET.1824

Trans. of Nihon Kikai Gakkai Rombunshu (Japan) v25 n156 p793-7 1959.

TT-66-27093 Field 20M

Kagan, Yu. M.; Perel, V. I.
MOTION OF IONS. CEGB-X.39.
Order from CEGB as CEGB-X.39

Trans. of Optika i Spektroskopiya (USSR) v2 n3 p298-303 1957.

TT-66-27095 Field 20M

Janac, J.; Zabransky, D.
PRESSURE HYGROMETER. CEGB-CET.1282.
Order from CEGB as CEGB-CET.1282

Trans. of Paliva (Czechoslovakia) v36 n7 p232-4 1956.

TT-66-27138 Field 20M

Duel, M. A.
STEAM TEMPERATURE CONTROL. CEGB-CET.1715.
Order from CEGB-CET.1715

Trans. of Teploenergetika (USSR) v3 n11 p30-7 1956.

TT-66-27147 Field 20M, 21G

Rachko, V. A.
EFFECT OF AIR CONTENT ON HEAT TRANSFER DURING CONDENSATION OF STEAM.
CEGB-CE.Trans.4328.
Order from CEGB as CEGB-CE.Trans.4328

Trans. of Energomashinostroenie (USSR) v11 n8 p17-20 1965.

TT-66-27150 Field 20M

Vukalovich, M. P.
ENTHALPY OF STEAM. CEGB-IB.1688.
Order from CEGB as CEGB-IB.1688

Trans. of Teploenergetika (USSR) v5 n7 p22-6 1958.

TT-66-27157 Field 20M

Salikov, A. P.
TUBELESS REGENERATOR. CEGB-CET.1656.
Order from CEGB as CEGB-CET.1656

Trans. of Teploenergetika (USSR) v6 n5 p46-50 1959.

TT-66-27161 Field 20M

Kirillin, V. A.; Ulybin, S. A.
SPECIFIC VOLUMES OF STEAM. CEGB-IB.1987.
Order from CEGB as CEGB-IB.1987

Trans. of Teploenergetika (USSR) v6 n8 p71-3 1959.

TT-66-27168 Field 20M

Labuntsov, D. A.
HEAT EXCHANGE AT BUBBLE BOILING.
CEGB-UKAEA.TA-59/1219.
Order from CEGB as CEGB-UKAEA.TA-59/1219

Trans. of Teploenergetika (USSR) v6 n12 p31-5 1959.

N. Wave propagation

TT-66-27118 Field 20N

Roditi, V. V.
RADIO-INTERFERENCE. CEGB-IB-1714.
Order from CEGB as CEGB-IB-1714

Trans. of Radiotekhnika (USSR) v13 n6 p59-67 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27127 Field 20N

Andras, J.
INTERFERENCE SUPPRESSION ON WELDING M/C. CEGB-IB.1731.
Order from CEGB as CEGB-IB.1731

Trans. of Slaboproudy Obzor (Czechoslovakia) v19 n12 p857-61 1958.

TT-67-30063 Field 20N

Novysh-Bylinskaya, V. N.; Kovaleskaya, E. M.
PAPERS ON RADIO WAVE PROPAGATION. 4 Jan 67, 36p, 9refs. JPRS-39413.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30063

Trans. of Akademiya Nauk SSSR. Institut Zemnogo Magnetizma, Ionosfery i Rasprostraneniya Radiovoln. Trudy, n19(29) p71-84 1961.

TT-67-60480 Field 20N

ALL UNION SYMPOSIUM ON WAVE DIFFRACTION (NO. 3) 24-30 SEP 1964. 31 May 66, 426p, refs. FTD-MT-65-236; AD-645 783.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 783

Edited machine trans. of Vsesoyuznyi Simpozium po Difraktsii Voln (no. 3) Tiflis, 24-30 Sep 64. Proceedings, Moscow, 1964 p1-243.

TT-67-60504 Field 20N

Shirmamedov, M.
CHARACTERISTIC OF RADIO WAVE ABSORPTION DURING VERTICAL SOUNDING OF THE IONOSPHERE OVER ASHKHABAD. 2 Sep 66, 20p, 14refs. FTD-TT-65-2040; AD-645 834.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 834

Unedited rough draft trans. of Issledovaniya Ionsofery i Meteorov: Sbornik Statei (USSR) n13 p89-96 1964.

21 PROPULSION AND FUELS

A. Air-breathing engines

TT-66-27020 Field 21A

Kantorovich, B. V.
INFLUENCE OF EXCESS AIR. CEGB-CET.2180.
Order from CEGB as CEGB-CET.2180

Trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) v1 n1 p24-33 1958.

B. Combustion and ignition

TT-66-27070 Field 21B

Tanaka, K.
COMBUSTION OF LOW GRADE PULV. COAL. CEGB-NA-2388.
Order from CEGB as CEGB-NA-2388

Trans. of Nihon Kikai Gakkai-Shi (Japan) v63 p1588-95 1960.

TT-66-27166 Field 21B

Sergeev, I. V.
THE APPLICATION OF VARIATIONAL METHODS TO PROBLEMS OF NON-UNIFORM COMBUSTION. CEGB-CE.Trans.4335.
Order from CEGB as CEGB-CE.Trans.4335

Trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) v7 n12 p106-11 1964.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27179 Field 21B, 20M

Labuntsov, D. A.
CRITICAL HEAT LOADING DURING BOILING. CEGB-X.194.
Order from CEGB as CEGB-X.194

Trans. of Teploenergetika (USSR) v7 n7 p76-80 1960.

C. Electric propulsion

TT-66-26763 Field 21C, 20F

Malakhov, L. N.; Vorobev, Yu. V.
ELECTRON MICROSCOPE METHOD OF INVESTIGATING MICROFIELDS. CEGB-X.48.
Order from CEGB as CEGB-X.48

Trans. of Akademiya Nauk SSSR. Doklady, v125 n2 p315-6 1959.

TT-66-27046 Field 21C

Kagan, Yu. M.
ION MOTION. CEGB-X.22.
Order from CEGB as CEGB-X.22

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, v22 n6 p702-7 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

D. Fuels

NCH-206 599 Field 21D

Chiche, P.; Deduit, J.; Durif, S.
THERMAL EVOLUTION OF THE POROUS TEXTURE AND STRUCTURE OF PITCH COKES. Tr. by B. C. Hodge. Jun 65, 15p, 9refs. AERE-Trans-1039.
Order from HMSO: 4s as AERE-Trans-1039

Trans. of Journal de Chimie Physique (France) v62 n4 p382-90 1965.

TT-66-27067 Field 21D, 18B

Watanabe.
RADIOACTIVE RAYS IN TESTING FUELS.
Order from CEGB

Trans. of Nenryo Kyokai-Shi (Japan) v39 n404 p698-704 1960.

TT-66-27145 Field 21D, 21B

Knorre, G. T.
MICROCOMBUSTION, SOLID FUELS. CEGB-B.C.U.R.A.173.

Order from CEGB as CEGB-B.C.U.R.A.173

Trans. of Teploenergetika (USSR) v4 n11 p52-9 1957.

TT-66-27151 Field 21D, 21B

Tager, S. A.
INFLUENCE OF ASH CONTENT AND VOLATILES.
Order from CEGB as CEGB-ICL

Trans. of Teploenergetika (USSR) v5 n10 p10-6 1958.

E. Jet and gas turbine engines

TT-66-26737 Field 21E

Leizerovich, Sh. L.
RECONSTRUCTION OF TURBINE CONDENSER.
CEGB-MV 2723.
Order from CEGB as CEGB-MV 2723

Trans. of Energetik (USSR) v7 n10 p13-4 1959.

TT-66-27136 Field 21E

Berman, L. D.
WATER-TIGHTHESS OF STEAM TURBINE CONDENSERS. CEGB-E.E.Co.659.
Order from CEGB as CEGB-E.E.Co.659

Trans. of Teploenergetika (USSR) v3 n8 p23-31 1956.

TT-66-27137 Field 21E

Levina.
TURBINE STAGE WITH CONSTANT REACTION.
CEGB-E.E.21.
Order from CEGB as CEGB-E.E.21

Trans. of Teploenergetika (USSR) v3 n9 p28-35 1956.

TT-66-27141 Field 21E

Zavadovskii, A. M.
REACTION STEAM TURBINE H.P. STAGES.
CEGB-X.103.
Order from CEGB as CEGB-X.103

Trans. of Teploenergetika (USSR) v4 n6 p40-2 1957.

TT-66-27144 Field 21E, 13H

Tyryshkin, V. G.
TURBINE SHROUDING AND LACING WIRE.
CEGB-E.E.877.
Order from CEGB as CEGB-E.E.877

Trans. of Teploenergetika (USSR) v4 n9 p16-9 1957.

G. Reciprocating engines

TT-66-27035 Field 21G, 20K

Palei, V. A.; Shostakovich, B. V.
INVESTIGATING THERMAL FLEXURE IN A HIGH-TEMPERATURE CYLINDER. CEGB-CE.Trans.4203.

Order from CEGB as CEGB-CE.Trans.4203

Trans. of Energomashinostroenie (USSR) v11 n4 p44 1965.

TT-67-60508 Field 21G

Burin, M. M.
ABOUT CONTACT HEAT EXCHANGE OF A PISTON WITH BUSHING DURING ENGINE OPERATION WITH NOMINAL LOAD. 24 Aug 66, 13p, 8refs.
FTD-TT-66-74; AD-645 842.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 842

Unedited rough draft trans. of Politeknicheskii Institut, Leningrad. Trudy (USSR) n237 p11-6 1964.

H. Rocket motors and engines

TT-66-27056 Field 21H

Zenukov, A. G.
GAS DYNAMIC REGULATION OF JET NOZZLE.
CEGB-R.5207.
Order from CEGB as CEGB-R.5207

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Aviatsionnaya Tekhnika (USSR) v2 n1 p55-64 1959.

TT-67-60490 Field 21H

Orlov, B. V.; Mazing, G. Yu.
THERMODYNAMIC AND BALLISTIC DESIGN FUNDAMENTALS OF SOLID-PROPELLANT ROCKET ENGINES. 16 Jun 66, 397p, refs. FTD-MT-65-191; AD-645 793.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 793

Edited machine trans. of mono. Termodinamicheskie i Ballisticheskie Osnovy Proektirovaniya Raketnykh Dvigatelei na Tverdom Toplive, Moscow, 1964 406p.

22 SPACE TECHNOLOGY

A. Astronautics

TT-67-60487 Field 22A, 22B, 21F

Senchenkov, A. P.
ATOMIC ROCKETS AND PROBLEMS IN THE CONQUEST OF SPACE. 23 May 66, 152p.
FTD-MT-66-28; AD-645 790.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 790

Edited machine trans. of mono. Atomnye Raketyi Problemy Osvoeniya Kosmosa, Moscow, 1964 138p.

B. Spacecraft

TT-67-30105 Field 22B, 3B

Gringauz, K. I.; Bezrukikh, V. V.; Khokhlov, M. Z.; Zastenker, G. N.; Remizov, A. P.
RESULTS OF EXPERIMENTS FOR DETECTION OF A LUNAR IONOSPHERE MADE ON THE FIRST LUNAR ARTIFICIAL SATELLITE. 9 Jan 67, 9p, 9refs. JPRS-39455.

Order from CFSTI: HC$3.00, MF$0.65
as TT-67-30105
Trans. of Akademiya Nauk SSSR. Doklady, v170 n6 p1306-9 1966.

TT-67-60476 Field 22B, 17G

Alekseev, K. B.; Bebenin, G. G.
SPACE VEHICLE CONTROL. 13 Jul 66, 355p. FTD-MT-137; AD-645 768.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 768
Edited machine trans. of mono. Upravlenie Kosmicheskim Letatelnym Apparatom, Moscow, 1964 402p.

C. Spacecraft trajectories and reentry

TT-61-11147-147 Field 22C, 4A, 3B, 8E

SOVIET-BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE NO. 147. 4 Jan 67, 81p. JPRS-39400.
Order from CFSTI: HC$3.00, MF$0.65
as TT-61-11147-147

Also available on subscription $16.00/year, foreign $20.00/year.

TT-61-11147-148 Field 22C, 4A, 3B, 4B

SOVIET-BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE NO. 148. 17 Jan 67, 110p (some figs omitted). JPRS-39571.
Order from CFSTI: HC$3.00, MF$0.65
as TT-61-11147-148

Also available on subscription $16.00/year foreign $20.00/year.

TRANSLATIONS IN PROCESS

NORTHERN REINDEER BREEDING.
Mono. Severnoe Olenevodstvo, Moscow, 1961 520p.

PHYSICAL-MECHANICAL PROPERTIES OF ROCKS.
Mono. Fiziko-Mekhanickeskie Svoistva Gornykh Porod, Moscow, 1964 150p.

SOVIET GAME PRESERVES
Mono. Zapovedniki SSSR, Moscow, 1964 74p.

THERMAL FIELDS AND HEAT FLUXES. PT. 1. GRAPHICAL STUDY OF STEADY AND VARIABLE CONDITIONS. CH. 3. GRAPHICAL METHODS FOR VARIABLE CONDITIONS. I. LINEAR THERMAL FIELD AND UNI-DIRECTIONAL HEAT FLOW ACROSS A WALL.
Societe Francaise des Constructions Babcock et Wilcox. Bulletin Technique (France) n23 p73-119 1950.

WATERFOWL RESOURCES OF USSR AND THEIR DEVELOPMENT.
Mono. Resursi Vodoplavayushchei Dichi v SSSR I Ikh Vosproizvodstvo; Referativnaya Informatsiya, Moscow, 1965 61p.

Alfeeva, S. P.; Pavlovskii, E. N.
REACTIVE CHANGES IN THE SKIN OF REINDEER AT THE INTUSSUSCEPTION OF THE LARVAE OF OEDEMAGENA TARANDI (Reaktivnye Izmeneniya Kozhi Severnogo Olenya pri Vnedrenii Lichinok Kozhnogo Ovoda).
Parazitologicheskii Sbornik (USSR) v22 p173-83 1964.

Ambartsumyan, V. A.
EXTRATERRESTRIAL CIVILIZATIONS. NASA-TT-F-438.
Mono. Vnezenye Tsivilizatsii. Erevan, 1965 151p.

Bashkevich, R. B.
REACTION AND IMMUNITY IN REINDEER INOCULATED WITH STRAIN NO. 19 (Reaktsiya i Immunitet u Severnykh Olenei Privitykh Vaktsinoi iz Shtamma 19).
Veterinariya (USSR) v41 n2 p45-7 1964.

Bondarik, G. K.
DYNAMIC AND STATIC SOUNDING OF SOILS IN ENGINEERING GEOLOGY.
Mono. Dinamicheskoe i Staticheskoe Zondirovanie Gruntov v Inzhenernoi Geologii, Moscow, 1964 166p.

Borozdin, E. K.
DIURNAL PERIODICITY IN THE STAGES OF REINDEER SPERMATOGENISIS (Sutochnaya Periodichnost Stadei Spermatogeneza Severnogo Olenya).
Akademiya Nauk SSSR. Sibirskoe Otdelenie. Izvestiya, n4 Seriya Biologo-Meditsinskikh Nauk, n1 p101-5 1964.

Brusilovskii, K. A.
MEASURING THE DISTORTIONS OF PULSES IN DISCRETE INFORMATION TRANSMISSION SYSTEMS. NASA-TT-F-434.
Mono. Izmereniya Iskazhenii Impulsov v Sistemakh Peredachi Diskretnoi Informatsii, Moscow/Leningrad, 1965 111p.

Chernyak, G. Ya.
DIELECTRIC METHODS OF INVESTIGATING MOIST SOILS (Dielektricheskie Metody Issledovaniya Vlazhnykh Gruntov).
Vsesoiuznyi Nauchno-Issledovatelskii Institut Gidro-Geologii i Inzhenernoi Geologii. Trudy (USSR) n5 124p 1965.

Davydov, A. F.
REGIME OF MUSCULAR ACTIVITY IN REINDEER DURING THE PROCUREMENT OF FOOD FROM UNDER THE ICE (O Rezhime Myshechnoi Deyatelnosti Severnykh Olenei pri Dobyvanii Korma Iz-Pod Snega).
Opyt Izucheniya Regulyatsii Fiziologicheskikh Funktsii v Estestvennykh Usloviyakh Suschestvovaniya Organizmov (USSR) n6 p35-40 1963.

Egorov, O. V.
WILD UNGULATE ANIMALS OF YAKUTSK.
Mono. Dikie Opytze Yakutsi, Moscow, 1965 259p.

Evdokimov, P. D.; Sapegin, D. C.
STABILITY, RESISTANCE TO SHEAR, AND DEFORMATION OF FOUNDATIONS OF STRUCTURES ON HARD ROCK. LABORATORY AND FIELD EXPERIMENTAL STUDIES.
Mono. Prochnost Soprotivlyaemost Sdvigu i Deformiruenost Osnovanii Sooruzhenii na Skalnykh Porodakh; Laboratorne i Poleve Eksperimentalne Issledovaniya, Moscow, 1964 171p.

Ginzburg, V. L.
COSMIC RAYS AND PROBLEMS OF SPACE PHYSICS. NASA TT-F-428.
Mono. Kosmicheskie Luchi i Problemy Kosmofiziki, Novosibirsk, 1965 294p.

Hidalgo, R.; Iram, N.; Guillermo, M. I.
TREATMENT OF MALIGNANT TUMORS WITH PODOPHYLLIAN DERIVATIVES.
Hospital General. Revista Medica (Mexico) v29 n6 p415-526 1966.

Jacobi, C. G. J.
THE SOLUTION OF EQUATIONS BY INFINITE SERIES.
Journal fuer die Reine und Angewandte Mathematik (West Germany) v6 p257-86 1830.

Kovyazin, N. M.
SOME PROBLEMS IN THE DEVELOPMENT OF DEER RAISING IN THE NENETS NATIONAL AREA (Nekotore Problemy Razvitiya Olenevodstva v Nenetskom Natsionalnom Okruge).
Leningrad Univ. Vestnik (USSR) v20 n12 Seriya Geologii i Geografii, n2 p104-9 1965.

Krinov, E. L.
METEORITICS, NO. 20, 1961: COLLECTION OF ARTICLES.
Meteoritika (USSR) v20 p1-94, 114-23, 137-71, 178-207 1961.

Kurzaev, G. M.
TRICHLOROMETAPHOS-3 IN CONTROLLING WARBLE FLY INFESTATION OF REINDEER (Trikhlormetafos-3 v Vorbe s Podkozhnym Ovodom Severnykh Olenei).
Veterinariya (USSR) v42 n2 p45-6 1965.

Levy, J. P.; Oppenheim, E.
VIRUSES AND HUMAN LEUKEMIAS.
Pathologie et Biologie (France) v14 n19/20 p966-75 1966.

Makhaeva, L. V.
SIZES OF GRAZING AREAS FOR REINDEERS (O Razmerakh Ploshchadei Vypasa, Potrebnykh dlya Olenei).
Nauchno-Issledovatelskii Institut Selskogo Khoziaistva Krainego Severa. Trudy (USSR) v11 p41-50 1963.

Meerov, M. V.
MULTICOUPLED CONTROL SYSTEMS. NASA-TT-F-435.
Mono. Sistemy Mnogosvyaznogo Regulirovaniya. Moscow, 1965 384p.

Michon, J. A.
TIME PERCEPTION.
Nederlands Tijdschrift voor Psychologie en haar Grensgebieden, v20 n7 p391-418 1965.

Michurin, L. N.
SOME MORPHOLOGICAL CHARACTERISTICS OF WILD REINDEERS ON THE TAIMYR PENINSULA (O Nekotorykh Morfologicheskikh Osobenostyakh Kikikh Severnykh Olenei Poluostrova Taimyr).
Zoologicheskii Zhurnal (USSR) v44 n9 p1396-1404 1965.

Mitchell, J. S.
ON THE POSSIBILITY OF USING RADIOACTIVE DRUGS.
Strahlentherapie (West Germany) v127 n4 p497-509 1965.

Mitskevich, V. Yu.
DEVELOPMENT CYCLE OF ELAPHOSTRONBYLUS RANGIFERI MIZ, 1958 (Tskil Razvitiya Elaphostrongylus Rangiferi Miz, 1958).
Parazity Selskokhoziaistvennykh Zhivotnykh Kazakhstana (USSR) v3 p49-60 1964.

Panin, V. Ya.
DEVELOPMENT CYCLE OF ELAPHOSTRONGYLUS PANTICOLA LUBIMOV, 1945 (Tsikl Razvitiya Elaphostronylus Panticola Lubimov, 1945).
Parazity Selskokhoziaistvennykh Zhivotnykh Kazakhstana (USSR) v3 p34-48 1964.

Parovshchikov, V. Ya.
DISTRIBUTION AND NUMBER OF WILD REINDEERS OF ARKHANGELSK NORTH (Razmeshchenie i Chislennost Dikikh Severnykh Olenei Arkhangelskogo Severa).
Zoologicheskii Zhurnal (USSR) v44 n2 p276-83 1965.

Petukhov, B. S.
CONVECTIVE HEAT EXCHANGE IN A HOMOGENEOUS MEDIUM. VOL. 1. NASA-TT-F-431.
Mono. Konvektivnyi Teploobmen v Odnorodnoi Srede, Vol. 1, Minsk, 1965 316p.

Pogorelov, A. V.
POST BUCKLING BEHAVIOR OF SEVERELY BUCKLED SHELLS. II. LOSS OF SHELL STABILITY.
NASA-TT-F-444.
Mono. Storogo Vypuklye Obolochki Pri Zakriticheskikh Deformatsiyakh. II. Poterya Ustoychivosti Obolochek, Kharkov, 1965 79p.

Polyakov, V. A.
THE PROTECTION OF REINDEER FROM GADFLIES (Zashchita Severnykh Olenei ot Slepnei).
Veterinariya (USSR) v42 n6 p91-2 1965.

Polyanskaya, M. V.
ON ELAPHOSTIOGYLOSIS OF REINDEER.
Mono. Ob Elafostrongileze Severnykh Olenei, n. p. 1963 p424-5.

Pryadko, E. I.; Vysokov, S. N.; Frolov, V. S.
EPIZOOTIOLOGY OF ELAPHOSTRONGYLUS INFESTATION OF ANTLERED DEERS (K Epizootologii Elafostrongileza Pantovykh Olenei).
Parazity Selskokhoziaistvennykh Zhivotnykh Kazakhstana (USSR) v2 p74-85 1963.

Shklovskii, I. S.
SUPERNOVAE.
Mono. Sverkhnovye Zvezdy, Moscow, 1966 398p.
To be pub. by IPST.

Slukhai, I. A.
ROCKETS AND TRADITIONS. NASA-TT-F-426.
Mono. Radety i Traditsii, Moscow, 1965 223p.

Strakach, Yu. B.
SOME QUESTIONS CONCERNING THE STUDY OF THE ECONOMIC AND CULTURAL REHABILITATION OF THE SMALL PEOPLES OF THE NORTH (Nekotorye Voprosy Izucheniya Khozyaistvenno-Kulturnogo Stroitelstva u Malykh Narodov Sibiri).
Akademiya Nauk SSSR, Sibirskoe Otdelenie. Izvestiya, n1 Seriya Obshchestvennykh Nauk, n1 p72-8 1965.

Temkin, A. G.
PROBLEMS OF NON STATIONARY TRANSFER OF HEAT AND MASS. NASA-TT-F-432.
Mono. Voprosy Nestatsionarnogo Perenosa Tepla i Massy. Minsk, 1965 164p.

Ullerich, F. H.
KARYOTYPE AND DNA-CONTENT OF BUFO BUFO, B. VIRIDIS, B. FUFO X B. VIRIDIS AND B. CALAMITA (AMPHIBA, ANURA).
Chromosoma (West Germany) v18 p316-42 1966.

Vakhtina, T. V.
TUNDRA SHRUB AND THEIR USE IN REINDEER RAISING (Tundrove Kustarniki i Ikh Ispolzovanie v Olenevodstve).
Nauchno-Issledovatelskii Institut Selskogo Khoziaistva Krainego Severa. Trudy (USSR) v11 p51-6 1963.

Wiedemann, H. R.
FAMILIAL DEFORMITY COMPLEX WITH UMBILICAL HERNIA AND MACROGLOSSIA. A "NEW SYNDROME".
Journal de Genetique Humaine (Switzerland) v13 n2/3 p223-32 1964.

Yurikov, P. A.
OVERVOLTAGES AND ELECTRICAL STABILITY OF HIGH VOLTAGE INSULATION (Perenapryazheniya i Elektricheskaya Prochnost Vysokovoltnoi Izolyatsii).
Biblioteka Elektromontera (USSR) v118 p3-70 1964.

Zerchaninov, L. K.; Kondinskii, G. V.
DISTRIBUTION OF TOXOPLASMOSIS IN TYUMEN PROVINCE (Rasprostranennost Toksoplazmoza v Tyumenskoi Oblasti).
Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v42 n2 p55-8 1965.

ON

E
lykh
n1

AT
sy.

NG
).

'.

HIGH
cheskaya

O-
kol

1 (USSR)